DOCUMENT RESUME

ED 222 228 JC 820 494

TITLE Community Colleges in the State of Arizona: Annual Report to the Governor, 1980-1981.
INSTITUTION Arizona State Board of Directors for Community Colleges, Phoenix.
PUB DATE [81]
NOTE 132p.

EDRS PRICE MF01/PC06 Plus Postage.
DESCRIPTORS College Curriculum; *College Faculty; *Community Colleges; *Educational Finance; *Enrollment; Enrollment Trends; Financial Support; Part Time Faculty; School Districts; School District Spending; State Boards of Education; State Surveys; Student Characteristics; Two Year Colleges; Two Year College Students; *Vocational Education
IDENTIFIERS *Arizona

ABSTRACT

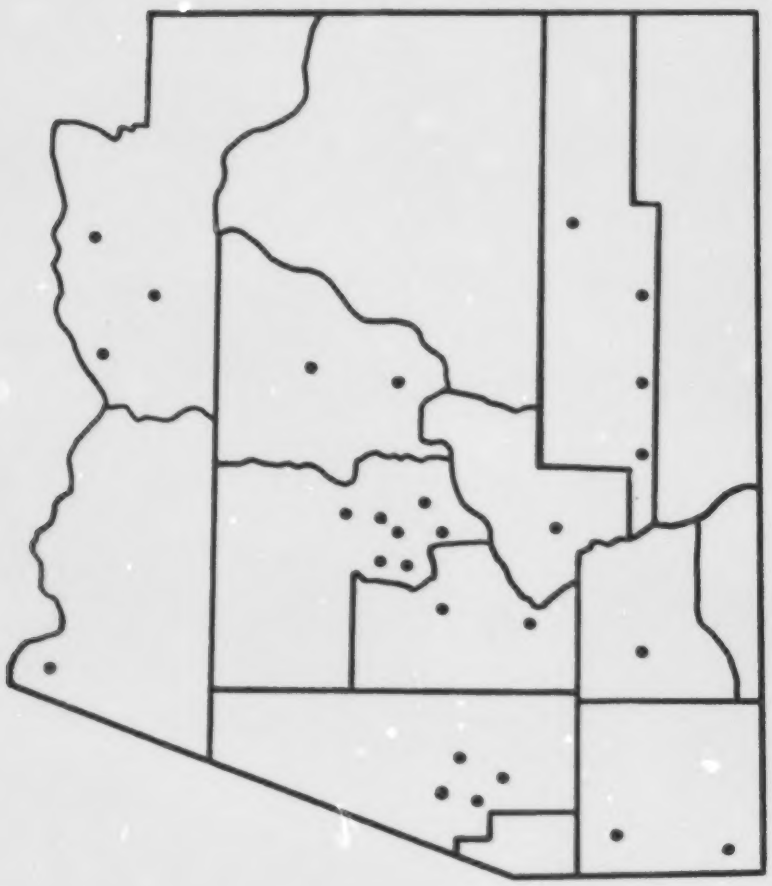
This five-part annual report provides information for fiscal year 1980-81 on the Arizona State Board of Directors for Community Colleges of Arizona, the state's community college districts, college finances and enrollments, and state vocational education. After introductory material outlines the purpose of the community college system and the make-up of the 14-member state board, Section I presents a statement of the philosophy of the community college system, delineates the board's expenditures during the year, and indicates the number of teaching certificates issued. Section II contains a directory, providing information on the state's 9 community college districts, 15 colleges, 3 skills centers, and 27 campuses, and includes a staffing profile for each district. Section III presents financial data, including information on revenues and expenditures, sources and disposition of funds, current operating expenditures, an analysis of state aid income, cost and income factors, state aid to community colleges, and indebtedness and investment. Section IV provides enrollment data, focusing on the districts' full-time student equivalency history; student demographics; degrees and certificates awarded; credit hours; and off-campus and non-credit enrollment. Section V provides statistics on vocational education by college and program area, describes new and special projects, and concludes with a matrix showing all curriculum offerings at each of the community colleges. (KL)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED222228

ANNUAL REPORT TO THE GOVERNOR

1980 - 1981



• Community Colleges in the State of Arizona

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY
S. Wheeler

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

U.S. DEPARTMENT OF EDUCATION
NATIONAL INSTITUTE OF EDUCATION
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

X This document has been reproduced as received from the person or organization originating it.
Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official NIE position or policy.

STATE BOARD OF DIRECTORS FOR COMMUNITY COLLEGES OF ARIZONA

"SERVING ARIZONA"

JC 820 494

ARIZONA

State Board of Directors for Community Colleges
1937 West Jefferson Building A Phoenix, Arizona 85009 (602) 255-4037

BOARD MEMBERS

		Term Expires 3rd Monday In:
Dr. C. L. Harkins, Chairman	Maricopa County	January 1983
Robert W. Prochnow, Vice-Chairman	Yavapai County	January 1983
Wanda G. Hall, Secretary	Apache County	January 1984
Manuel H. Garcia, Treasurer	Pima County	January 1984
Dr. Joe S. Causey	Cochise County	January 1988
John Cuthbertson	Greenlee County	January 1985
Johnny Gregovich	Gila County	January 1982
James F. Haythornewhite	Santa Cruz County	January 1986
Gherald L. Hoopes	Graham County	January 1988
Dr. Don V. McIntyre	Mohave County	January 1987
Mary Louise Montana	Yuma County	January 1987
Elizabeth A. Packard	Coconino County	January 1982
A. Paul Pearce	Pinal County	January 1985
Abbott Sekaquaptewa	Navajo County	January 1986

Rudy E. Campbell	Ex Officio, Board of Regents
Dr. Ray Ryan	Ex Officio, Vocational Education
Carolyn Warner	Ex Officio, State Superintendent, Public Instruction

ADMINSTRATIVE STAFF

Russell O. Bloyer, Executive Director
Eugene L. Dorr, Associate Director for Educational Services
Thomas J. Saad, Associate Director for Administrative Services
Sharon M. Wheeler, Assistant Director for Research
Helen G. Bracken, Certification Officer

FOREWORD

This Annual Report is intended to provide information with which to answer those questions most frequently asked by members of the Legislature, state agencies, external agencies, citizens, college administration, faculty, and students. The report is divided into five sections as follows:

State Board

Community College Districts

Financial Data

Enrollment Data

Vocational Education

Information in this report is compiled from a series of reports submitted to the State Office by the colleges.

TABLE OF CONTENTS

Foreword i

Table of Contents ii

Section I -- State Board

Introduction iv

Statement of Philosophy 1

State Board & Central Staff

General Fund Expenditures 2
Vocational Fund Expenditures 2
Certification Fund Expenditures 3
Teaching Certificates Issued 3

Section II -- Community College Districts

Map of Arizona Community College Districts 4

Directory of Arizona Community Colleges & Campuses 5

Staffing Profile in the Community College Districts 9

Certified Personnel 9
Non-Certified Personnel 9

Section III -- Financial Data

Revenue & Expenditure Chart 11

Source of Funds 12

Disposition of Funds 13

Current Operating Expenditures

Summary By Function 14
Summary By Line Item 15
Operating Expenditures By Function - Chart 16
Operating Expenditures By Line Item - Chart 17

Analysis of State Aid Income 18

Operational State Aid 19

History of State Aid to Community Colleges 20

Significant Legislation 21

FTSE & Vocational FTSE and Cost & Income Factors 22

Summary of Bonded Indebtedness & Plant Investment 23

Section IV -- Enrollment Data

Full-time Student Equivalent History - Chart 24

Full-time Student Equivalent History By District 25

Vocational Enrollment - Chart 26

Vocational State Aid - Chart 26
Vocational FTSE History 27
Headcount Enrollment History - Chart 28
Headcount Enrollment History By District 29
Headcount Enrollment Characteristics - State Summary
Age Distribution 30
Ethnic Background 30
Residency Status 31
Full-time/Part-time 31
Male/Female 31
Headcount by District
Age Distribution - Fall 1980 32
Age Distribution - Spring 1981 33
Ethnic Background - Fall 1980 34
Ethnic Background - Spring 1981 35
Residency Status And Full-time/Part-time - Fall 1980 36
Residency Status and Full-time/Part-time - Spring 1981 37
Male/Female - Fall 1980 38
Male/Female - Spring 1981 39
Programs By Student Intent - Fall 1980 40
Programs By Student Intent - Spring 1981 41
Other Enrollment Information
Types of Students - Fall 1980 42
Types of Students - Spring 1981 43
Miscellaneous Headcount Information - Fall 1980 44
Miscellaneous Headcount Information - Spring 1981 45
Degrees & Certificates Awarded 46
Credit Hours Enrolled 47
Off-Campus Programs 48
Non-Credit Classes 49
Section V - Vocational Education
Enrollments By Unduplicated Count By College 50
Enrollments By Duplicated Count By College 51
Enrollments By Unduplicated Count By Occupational Area 51
Federal Funds 52
Projects 53
Real Estate Education 53
Fire Investigation/Arson Education 54
Basic Skills for Vocational Students 55
Criminal Justice Career Programs 56
New Projects 58
Skill Centers 59
Curriculum Inventory Matrix 60

INTRODUCTION

The Arizona Community College System began in 1960 when the Arizona Legislature adopted Chapter 119, which provided for junior college districts throughout the state. In 1971, the name was changed to "Community College" System.

The purpose of establishing a statewide system of junior college districts was not only to provide educational facilities in localities where students resided, but to relieve the load on existing state universities created by the increasing demand for higher educational opportunities.

A State Board of Directors was appointed to oversee the system. This State Board consists of 14 members appointed by the Governor for seven year terms to represent each of the 14 counties in the State. There are also three other members on the Board -- a representative of the Board of Regents, the Superintendent of Public Instruction, and the director of the Division of Vocational Education.

STATEMENT OF PHILOSOPHY

The philosophy of the Arizona community college system is a reflection of the purpose of a free democratic society: government of, by and for the people. This can best be achieved by an educated populace so that all may exercise intelligently and morally the rights, privileges and duties of self-government. This entails the affirmation that each individual has worth and dignity, must be afforded an opportunity to develop skills and talents, and must share the responsibilities of providing educational services with the community.

Further, the philosophy recognizes that education is a vital lifelong process that -- like the society to which it responds -- is never static nor completely realized. Education in a democratic society aims to equip all members with the knowledge and techniques necessary for coping with the economic, social and political dynamics affecting not only the individual but also the community.

It is therefore appropriate that the individual, the community and the state should share the financing and governance of the community college system. At the district level, fiscal and educational policy can be determined by local needs. At the state level, it is imperative to establish standards, and to assess and coordinate needs and services in the best interest of the state.

Because the communities in Arizona differ widely in demographic, economic and geographical characteristics, the community ollleges of Arizona must be permitted relative autonomy and a variety of curricula. But each community college must be committed to the following general objectives:

1. To offer the first two years of baccalaureate parallel or preprofessional courses of the highest quality, so that students enrolled in transfer programs may complete study for the baccalaureate in four-year colleges and universities.

2. To provide occupational programs in technical, vocational and paraprofessional fields leading to an associate degree or a certificate, and to provide retraining and upgrading of skills in these fields, so that students enrolled in occupational programs are qualified to meet current needs of the labor market.

3. To provide appropriate general education for all citizens, so that they may perform their personal and professional roles more effectively, and exercise their obligations and privileges as citizens more intelligently.

4. To offer programs in continuing education for those who wish to improve professional skills, acquire new ones, or expand their fields of knowledge and general interest.

5. To provide sound academic and occupational counseling, including job placement services, so that students may learn to define their goals clearly and pursue them realistically.

6. To provide cultural and community service programs for the enrichment of the community, and to encourage the use of community college facilities and services by all citizens of the community for educational and cultural purposes.

Finally, a democratic society prizes and values individual differences. The role of the community college is to encourage men and women of all ages to develop their skills and talents differently, each according to abilities and interests, so that collectively they contribute to the continuum of democracy.

1980-81

State Board and Central Staff

General Fund Expenditures and
Vocational Fund Expenditures

	1980-81 Appropriation	1980-81 Actual Expenditures	1980-81 Reversion
General Fund Expenditures			
No. of FTE Positions	7	7	
Personal Services	$ 208,500	$ 203,308	$ 5,192
Employee Related Expenditures	36,100	31,821	4,279
Professional Services	12,400	12,400	---
Travel - State	22,800	22,047	753
Travel - Out-of-State	2,500	1,932	568
Operating Expenditures	40,750	40,218	532
Capital Outlay - Equipment	1,800	1,704	96
Total State Board and Central Staff	$ 324,850	$ 313,430	$ 11,420
State Aid to the Colleges	$39,839,500	$37,278,818	$2,560,682
Special Appropriation	4,000,000	4,000,000	---
Total Aid to the Colleges	$43,839,500	$41,278,818	$2,560,682
Vocational Fund Expenditures			
No. of FTE Positions	1		
Revenue			
Balance Forward July 1, 1980	$ 8,019		
Funds Received for Year	42,244		
Total Revenue	$ 50,263		
Expenditures			
Personal Services		$ 29,901	
Employee Related Expenditures		5,110	
Other Operating Expenditures		13,552	
Capital Outlay - Equipment		---	
Total Expenditures		$ 48,563	
Balance as of June 30, 1981			$ 1,700

1980-81

Certification Fund Expenditures and Teaching Certificates Issued

Certification Fund Expenditures

No. of FTE Positions 2

Revenue

Balance Forward July 1, 1980	$ 18,861
Certification Fees for Year	44,899
Total Revenue	$ 63,760

Expenditures

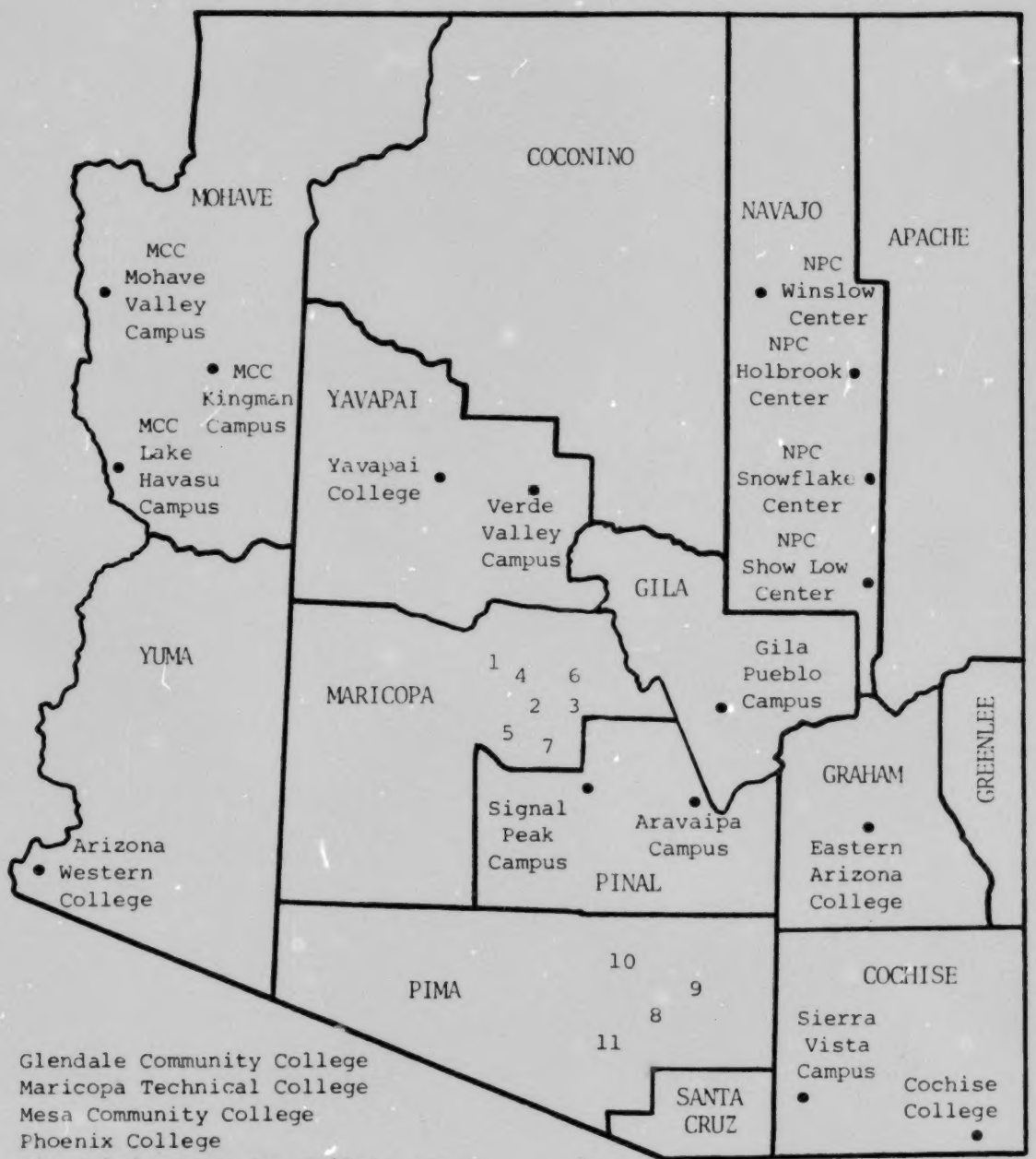
Personal Services	$35,383	
Employee Related Expenditures	6,263	
Other Operating Expenditures	8,038	
Capital Outlay - Equipment	238	
Total Expenditures	$49,922	
Balance as of June 30, 1981		$13,838

TEACHING CERTIFICATES ISSUED (1980-81)

*Regular (Life)	
A.1.a	707
A.1.b	87
A.1.c	20
*Special (2 year) & (6 year)	2,054
*Honorary (1 year)	12
Internship	5
Provisional (2 year)	
A.4.a	552
A.4.b	53
A.4.c	11
TOTAL	3,501

*New and Renewals

ARIZONA
COMMUNITY COLLEGE DISTRICTS



1. Glendale Community College
2. Maricopa Technical College
3. Mesa Community College
4. Phoenix College
5. Rio Salado Community College - Centers Throughout Maricopa County
6. Scottsdale Community College
7. South Mountain Community College
8. Pima Community College - Downtown
9. Pima Community College - East
10. Pima Community College - West
11. Pima College Community Center - Centers Throughout Pima County

9 Community College Districts

15 Colleges

3 Skill Centers

27 Campuses

DIRECTORY

ARIZONA STATE COMMUNITY COLLEGES AND CAMPUSES

CENTRAL ARIZONA COLLEGE

SIGNAL PEAK CAMPUS
Woodruff at Overfield Road
Coolidge, Arizona 85228
President: Dr. Mel A. Everingham — Tel. 723-4141

ARAVAIPA CAMPUS
Aravaipa Road
Star Route, Box 97
Winkelman, Arizona 85292
Campus Dean: Mr. Larry Cline — Tel. 723-4100

COCHISE COUNTY COMMUNITY COLLEGE DISTRICT

COCHISE COLLEGE
Douglas, Arizona 85607
Acting President: Mr. Dan Rehurek — Tel. 364-7943

SIERRA VISTA CAMPUS
901 Colombo
Sierra Vista, Arizona 85635
Provost: Mr. Richard Myers — Tel. 458-7110

GRAHAM COUNTY COMMUNITY COLLEGE DISTRICT

EASTERN ARIZONA COLLEGE
Thatcher, Arizona 85552
President: Mr. Wayne M. McGrath — Tel. 428-1133

GILA PUEBLO CAMPUS
Box 2820
Globe, Arizona 85501
Executive Dean: Dr. William E. Raab — Tel. 425-7131

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT

Mailing address: P.O. Box 13349
Phoenix, Arizona 85002
Street address: 3910 East Washington Street
Phoenix, Arizona 85034
Chancellor: Dr. Paul A. Elsner — Tel. 244-8355

GLENDALE COMMUNITY COLLEGE
6000 West Olive
Glendale, Arizona 85302
President: Dr. John R. Waltrip — Tel. 934-2211

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT (Cont'd)

MARICOPA TECHNICAL COMMUNITY COLLEGE
106 East Washington Street
Phoenix, Arizona 85004
President: Dr. Charles A. Green — Tel. 258-7251

MESA COMMUNITY COLLEGE
1833 West Southern
Mesa, Arizona 85202
President: Mr. Theo Heap — Tel. 833-1261

PHOENIX COLLEGE
1202 West Thomas Road
Phoenix, Arizona 85013
President: Dr. William E. Berry — Tel. 264-2492

RIO SALADO COMMUNITY COLLEGE
102 North 40th Street
Phoenix, Arizona 85034
President: Ms. Myrna Harrison — Tel. 275-7881

SCOTTSDALE COMMUNITY COLLEGE
9000 East Chaparral Road
Scottsdale, Arizona 85253
President: Dr. Arthur W. DeCabooter — Tel. 941-0999

SOUTH MOUNTAIN COMMUNITY COLLEGE
2406 South 24th Street, Suite E 129
Phoenix, Arizona 85034
President: Dr. Raul Cardenas — Tel. 275-7337

MOHAVE COUNTY COMMUNITY COLLEGE DISTRICT

MOHAVE COMMUNITY COLLEGE
1971 Jagerson Avenue
Kingman, Arizona 86401
President: Dr. Keith A. West — Tel. 757-4331

KINGMAN CAMPUS
1971 Jagerson Avenue
Kingman, Arizona 86401
Dean: Dr. George Nicholls — Tel. 757-4331

LAKE HAVASU CAMPUS
1977 West Acoma Boulevard
Lake Havasu City, Arizona 86403
Dean: Dr. Roger L. Johnson — Tel. 855-7812

MOHAVE VALLEY CAMPUS
3250 Highway 95
Bullhead City, Arizona 86430
Dean: Mr. La Rue Davidson — Tel. 758-3926

YAVAPAI COUNTY COMMUNITY COLLEGE DISTRICT

VERDE VALLEY CAMPUS
Black Hills Drive
Box 165
Clarkdale, Arizona 86324
Executive Dean: Ms. Mary Anne Bamrick — Tel. 634-7501

YAVAPAI COLLEGE
1100 East Sheldon
Prescott, Arizona 86301
President: Dr. Joseph F. Russo — Tel. 445-7300

YUMA COUNTY COMMUNITY COLLEGE DISTRICT

ARIZONA WESTERN COLLEGE
P. O. Box 929
Yuma, Arizona 85364
President: Dr. Kenneth E. Borland — Tel. 726-1000

ARIZONA STATE COMMUNITY COLLEGES' SKILL CENTERS

CENTRAL ARIZONA COLLEGE

GILA RIVER CAREER CENTER
P. O. Box 339
Sacaton, Arizona 85247
Director: Dr. Michael Toler — Tel. 836-2950

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT

MARICOPA COUNTY SKILL CENTER
4118 East Wood
Phoenix, Arizona 85040
Director: Mr. Jack F. Riddle — Tel. 243-4141

PIMA COUNTY COMMUNITY COLLEGE DISTRICT

TUCSON SKILL CENTER
1859 W. Grant, Suite 101
Tucson, Arizona 85705
Director: Mrs. Mary D. Hammann — Tel. 623-8456

NAVAJO COUNTY COMMUNITY COLLEGE DISTRICT

NORTHLAND PIONEER COLLEGE
1200 East Hermosa Drive
Holbrook, Arizona 86025
President: Dr. Marvin L. Vasher — Tel. 524-6111

HOLBROOK CENTER
1200 East Hermosa Drive
Holbrook, Arizona 86025 — Tel. 524-6111

SHOW LOW CENTER
P. O. Drawer "Y"
Show Low, Arizona 85901 — Tel. 537-2976

SNOWFLAKE CENTER
P. O. Box 1000
Snowflake, Arizona 85937 — Tel. 536-7871

WINSLOW CENTER
P. O. Box A-T
Winslow, Arizona 86047 — Tel. 289-5082

LAKESIDE-PINETOP VOCATIONAL CENTER
Lakeside, Arizona 85929 — Tel. 336-1414

PIMA COUNTY COMMUNITY COLLEGE DISTRICT

PIMA COMMUNITY COLLEGE
2202 West Anklam Road
Tucson, Arizona 85709
President: Dr. S. James Manilla — Tel. 884-6666

COMMUNITY CAMPUS
1225 North 10th Avenue
Tucson, Arizona 85705
Executive Dean: Dr. James E. Gibson — Tel. 884-6940

EAST EDUCATION CENTER
8202 E. Poinciana Drive
Tucson, Arizona 85730 — Tel. 886-3331
Executive Dean: Dr. David L. Landsburg

DOWNTOWN CAMPUS
50 West Speedway Boulevard
Tucson, Arizona 85705
Executive Dean: Mr. Robert Agrella — Tel. 884-6788

WEST CAMPUS
2202 West Anklam Road
Tucson, Arizona 85709
Executive Dean: Mr. Raymond J. Stith — Tel. 884-6666

Fall 1980 Only

Staffing Profile in the Community College Districts

Certified Personnel

	Cochise	Graham	Maricopa	Mohave	Navajo	Pima	Pinal	Yavapai	Yuma	Totals	Percent
Full-time Faculty	77	76	718	38	24	245	71	64	75	1,388	27.41
Part-time Faculty	223	178	1,523	174	340	651	240	217	129	3,675	72.59
Total Certified Personnel	300	254	2,241	212	364	896	311	281	204	5,063	100.00

Non-Certified Personnel

Instruction	---	15	353	---	2	32	5	7	34	448	18.94
Library & Audio Visual	9	8	74	6	6	41	5	14	6	169	7.14
Adminstration	17	24	217	35.5	14	40	11	42	20	420.5	17.77
Student Services	29	17	173	3.5	2	54	12	20	32	342.5	14.48
General Institutional	20	1	---	1	28	210	60	12	23	355	15.00
Physical Plant	35	22	197	12	10	80	33	27	35	451	19.06
Auxiliary Enterprises	15	9	116	10	---	15	---	10	5	180	7.61
Total Non-Certified Personnel	125	96	1,130	68	62	472	126	132	155	2,366	100.00
TOTAL CERTIFIED & NON-CERTIFIED PERSONNEL	425	350	3,371	280	426	1,368	437	413	359	7,429	

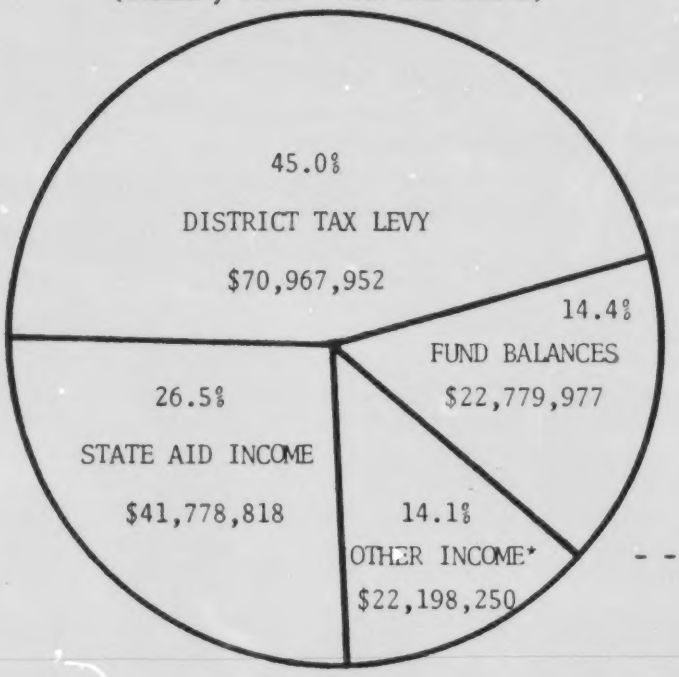
REVENUE & EXPENDITURES

1980-81

(Summary Data - All Districts)

TOTAL REVENUE SOURCES

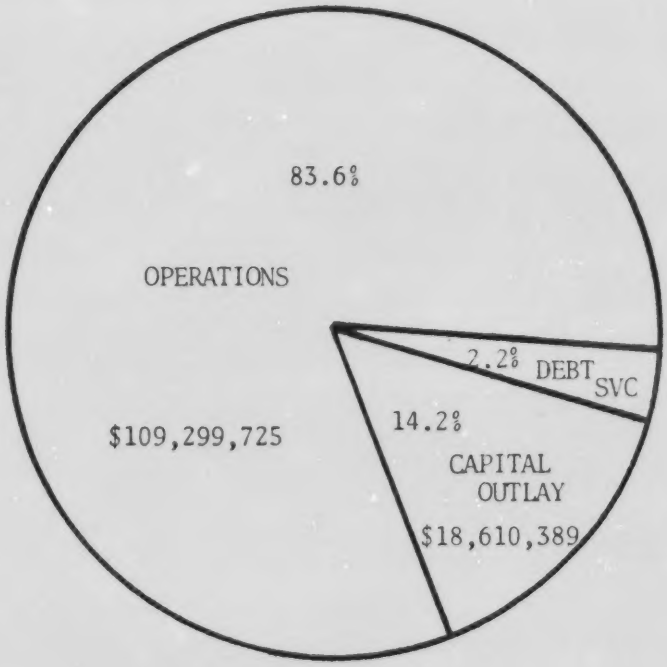
$157,724,997



* Tuition 7.7%
Federal 0.4%
Other 6.0%

TOTAL EXPENDITURES

$130,834,697



1980-81

SOURCE OF FUNDS

	OPERATIONAL			CAPITAL OUTLAY			OTHER			
	Fund Balance	Dist. Levy	State Aid	Fund Balance	Dist. Levy	State Aid	Tuition	Federal	Other	TOTAL INCOME
Cochise	$ 1,661,169	$ 3,263,471	$ 1,603,136	$ 681,073	$ 506	$ 376,250	$ 931,058	$ -0-	$ 345,908	$ 8,862,571
Graham	1,643,844	318,087	2,463,030(a)	554,991	363,768	323,484	1,488,926	-0-	1,046,089	8,202,219
Maricopa	3,641,529	35,183,455	16,413,[illegible]	6,236,908	3,117,604	3,806,230	4,871,623	-0-	5,187,707	78,458,897
Mohave	407,837	1,901,259	951,734	159,218	89,833	691,502(c)	98,705	-0-	229,167	4,529,255
Navajo	185,755	2,201,192	1,267,800	507,779	211,965	295,575	127,811	-0-	179,235	4,977,112
Pima	548,328	11,747,523	6,254,877(b)	3,106,069	624,275	1,372,559	3,366,525	-0-	730,495	27,750,651
Pinal	730,223	3,740,391	1,947,986	488,551	569,314	457,030	522,786	510,205	1,132,780	10,099,266
Yavapai	805,202	3,475,346	1,400,068	34,813	468,314	321,913	394,716	-0-	285,643	7,186,015
Yuma	1,115,750	3,682,631	1,500,400(b)	270,938	9,018	331,403	319,369	34,509	394,973	7,659,011
TOTAL	$10,739,637	$65,513,355	$33,802,872	$12,040,340	$5,454,597	$7,975,946	$12,121,539	$544,714	$9,531,997	$157,724,997
PERCENT OF TOTAL	6.8%	41.5%	21.4%	7.8%	3.5%	5.0%	7.7%	0.3%	6.0%	100.0%

(a) Includes Equalization Aid - $998,528
(b) Includes Handicapped Project monies
(c) Includes Capital Outlay appropriation - $500,000

1980-81

DISPOSITION OF FUNDS

County	Operations	Capital Outlay	Redemption	Total Expenditures	YEAR END FUND BALANCES Operations	Capital & Bonds	Total
Cochise	$ 5,770,285	$ 413,422	$ 204,000	$ 6,387,707	$ 1,952,162	$ 522,702	$ 8,862,571
Graham	4,878,302	949,249	106,099	5,933,650	1,749,144	519,425	8,202,219
Maricopa	54,684,011	12,363,546	1,517,525	68,565,082	6,908,681	2,985,134	78,458,897
Mohave	2,995,949	441,586	-0-	3,437,535	482,128	609,592	4,529,255
Navajo	3,506,950	466,222	-0-	3,973,172	443,706	560,234	4,977,112
Pima	19,676,260	2,540,583	-0-	22,216,843	2,343,834	3,189,974	27,750,651
Pinal	6,387,710	381,617	750,825	8,020,152	1,291,355	787,759	10,099,266
Yavapai	5,195,868	434,705	307,590	5,938,163	1,144,731	103,121	7,186,015
Yuma	5,704,390	619,459	38,544	6,362,393	1,223,622	72,996	7,659,011
TOTAL	$109,299,725	$18,610,389	$2,924,583	$130,834,697	$17,539,363	$ 9,350,937	$157,724,997
PERCENT OF TOTAL	83.6%	14.2%	2.2%	100.0%			

1980-81

Current Operating Expenditures

Summary By Function

County	Instruction	Physical Plant	Administration	Student Services	Library & Audio Visual	General Institutional	Auxiliary Enterprises	Total Current Operating Expenses
Cochise	$ 3,137,656	$ 808,198	$ 765,313	$ 497,273	$ 186,196	$ 289,911	$ 85,738	$ 5,770,285
Graham	2,609,349	688,071	558,968	416,192	166,175	219,913	219,634	4,878,302
Maricopa	34,457,905	6,897,794	5,293,408	3,923,284	2,334,640	1,776,980	-0-	54,684,011
Mohave	1,861,931	339,056	296,459	195,627	134,053	168,823	-0-	2,995,949
Navajo	2,090,036	295,274	309,618	324,718	115,944	371,360	-0-	3,506,950
Pima	11,392,740	2,713,383	2,836,864	1,343,498	897,776	491,999	-0-	19,676,260
Pinal	3,907,659	1,091,752	579,306	510,012	274,743	419,973	104,265	6,887,710
Yavapai	2,785,790	786,729	676,322	316,545	249,987	380,495	-0-	5,195,868
Yuma	2,503,270	1,172,143	869,960	637,435	125,004	139,275	257,303	5,704,390
TOTAL	$64,746,336	$14,792,400	$12,186,218	$8,164,584	$4,484,518	$4,258,729	$666,940	$109,299,725
Percent of Total	59.2%	13.5%	11.2%	7.5%	4.1%	3.9%	0.6%	100.0%

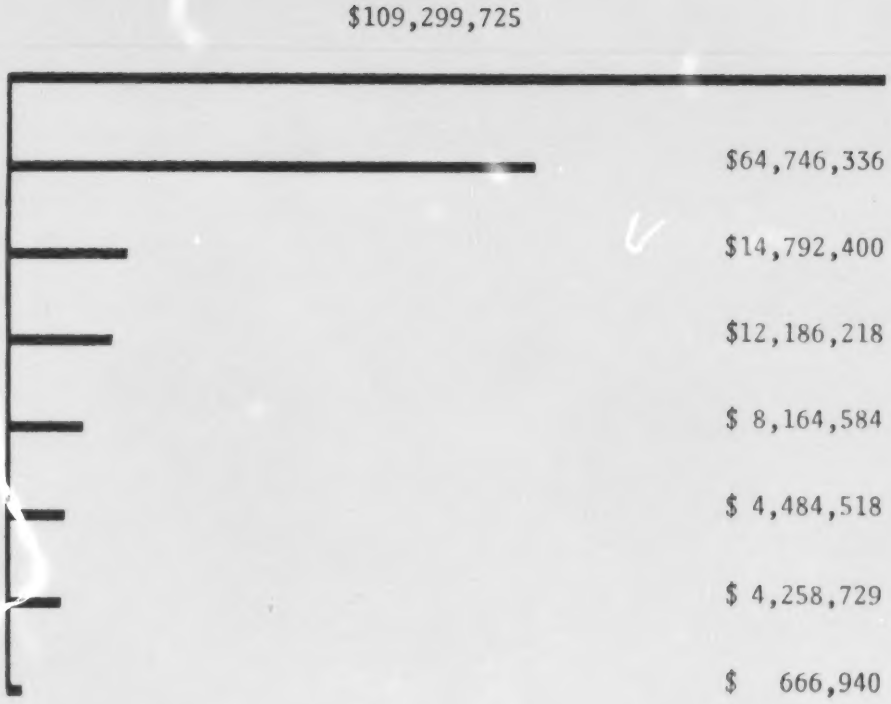
1980-81

Current Operating Expenditures

Summary By Line Item

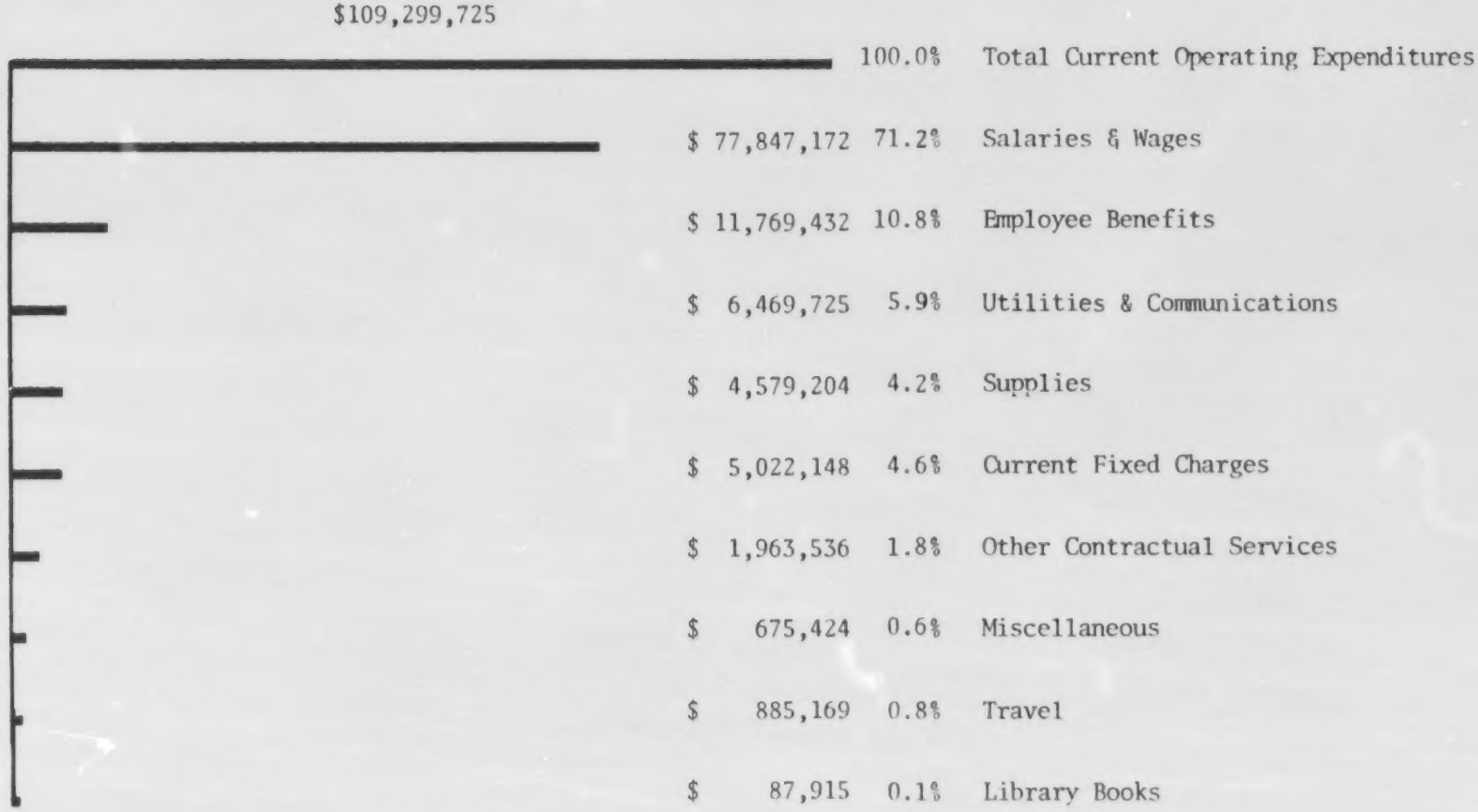
County	Salaries & Wages	Employee Benefits	Utilities & Communications	Supplies	Current Fixed Charges	Other Contractual Services	Misc.	Travel	Library Books	Total Current Operating Expenses
Cochise	$ 3,726,130	$ 645,553	$ 297,328	$ 418,941	$ 372,737	$ 103,682	$108,386	$ 90,628	$ 6,900	$ 5,770,285
Graham	3,334,710	462,278	215,408	381,091	244,287	130,874	3,597	59,809	46,248	4,878,302
Maricopa	39,839,387	5,983,443	3,652,835	1,649,226	2,526,730	374,226	416,286	241,878	-0-	54,684,011
Mohave	2,090,640	323,866	143,156	195,397	105,956	85,301	-0-	38,674	12,959	2,995,949
Navajo	2,524,878	324,818	193,359	178,114	128,422	110,981	211	41,026	5,141	3,506,950
Pima	14,296,854	2,058,367	821,785	772,790	1,007,358	598,371	(9,989)	130,724	-0-	19,676,260
Pinal	4,660,861	779,709	425,791	369,219	234,966	244,399	19,716	139,329	13,720	6,887,710
Yavapai	3,667,674	545,624	315,286	232,448	190,407	156,666	11,197	76,566	-0-	5,195,868
Yuma	3,706,038	645,774	404,777	381,978	211,285	159,036	126,020	66,535	2,947	5,704,390
TOTAL	$77,847,172	$11,769,432	$6,469,725	$4,579,204	$5,022,148	$1,963,536	$675,424	$885,169	$87,915	$109,299,725
Percent of Total	71.2%	10.8%	5.9%	4.2%	4.6%	1.8%	0.6%	0.8%	0.1%	100.0%

1980-81 OPERATING EXPENDITURES BY FUNCTION
(Summary Data for All Districts)



$109,299,725	100.0%	Total Current Operating Expenditures
$64,746,336	59.2%	Instruction
$14,792,400	13.5%	Physical Plant
$12,186,218	11.2%	Administration
$ 8,164,584	7.5%	Student Services
$ 4,484,518	4.1%	Library & Audio Visual
$ 4,258,729	3.9%	General Institutional
$ 666,940	0.6%	Auxiliary Enterprises

1980-81 OPERATING EXPENDITURES BY LINE ITEM
(Summary Data for All Districts)


$109,299,725
100.0% Total Current Operating Expenditures
$ 77,847,172 71.2% Salaries & Wages
$ 11,769,432 10.8% Employee Benefits
$ 6,469,725 5.9% Utilities & Communications
$ 4,579,204 4.2% Supplies
$ 5,022,148 4.6% Current Fixed Charges
$ 1,963,536 1.8% Other Contractual Services
$ 675,424 0.6% Miscellaneous
$ 885,169 0.8% Travel
$ 87,915 0.1% Library Books

1980-81

Analysis of State Aid Income

County	Basic State Aid	Voc-Tech State Aid	Total Operational State Aid	Capital Outlay State Aid	Total State Aid
Cochise	$ 1,382,000	$ 221,136	$ 1,603,136	$ 376,250	$ 1,979,386
Graham	2,239,859*	223,171	2,463,030*	323,484	2,786,514*
Maricopa	14,624,492	1,789,349	16,413,841	3,806,230	20,220,071
Mohave	841,492	110,242	951,734	691,502**	1,643,236**
Navajo	1,099,160	168,640	1,267,800	295,575	1,563,375
Pima	5,492,524	762,353	6,254,877	1,372,559	7,627,436
Pinal	1,669,104	278,882	1,947,986	457,030	2,405,016
Yavapai	1,249,380	150,688	1,400,068	321,913	1,721,981
Yuma	1,315,241	185,159	1,500,400	331,403	1,831,803
TOTAL	$ 29,913,252	$ 3,889,620	$ 33,802,872	$ 7,975,946	$ 41,778,818
PERCENT OF TOTAL	88.5	11.5	100		

* Includes $998,528 - Equalization Aid
**Includes special capital outlay appropriation of $500,000

1980-81

Operational State Aid

County	45 Day Basic Aid	45 Day Voc-Tech Aid	Short-Term Aid Basic	Short-Term Aid Voc-Tech	Special Appropriation	Handicapped Project Monies	Total Operational State Aid
Cochise	$ 1,186,000	$ 221,136	$ -0-	$ -0-	$ 196,000	$ -0-	$ 1,603,136
Graham	2,031,408*	210,528	20,451	12,643	188,000	-0-	2,463,030*
Maricopa	12,494,880	1,729,104	150,612	60,245	1,944,000	35,000	16,413,841
Mohave	719,160	108,800	2,332	1,442	120,000	-0-	951,734
Navajo	981,840	167,824	1,320	816	116,000	-0-	1,267,800
Pima	4,700,280	757,056	13,244	5,297	744,000	35,000	6,254,877
Pinal	1,376,300	273,760	12,804	5,122	280,000	-0-	1,947,986
Yavapai	1,045,420	148,240	3,960	2,448	200,000	-0-	1,400,068
Yuma	1,072,920	184,960	321	199	212,000	30,000	1,500,400
TOTAL	$25,608,208	$3,801,408	$205,044	$88,212	$4,000,000	$100,000	$33,802,872
PERCENT OF TOTAL	75.8%	11.2%	0.6%	0.3%	11.8%	0.3%	100.0%

*Includes Equalization Aid of $998,528

HISTORY OF STATE AID TO COMMUNITY COLLEGES

Fiscal Years 1962-63 Through 1980-81

Fiscal Year	Operational State Aid	Vocational/Technical Operational St. Aid	Total Operational State Aid	Capital Outlay State Aid	Total State Aid
1962-63	$ 303,100	$ ---	$ 303,100	$ 81,190	$ 384,290
1963-64	2,784,570	---	2,784,570	827,310	3,611,880
1964-65	3,473,050	---	3,473,050	1,067,545	4,540,595
1965-66	5,050,675	---	5,050,675	1,453,715	6,504,390
1966-67	6,001,100	---	6,001,100	1,741,790	7,742,890
1967-68	6,228,425	---	6,228,425	1,827,350	8,055,775
1968-69	6,720,700	---	6,720,700	1,978,230	8,698,930
1969-70	8,600,025	---	8,600,025	2,506,540	11,106,565
1970-71	10,853,500	---	10,853,500	3,178,025	14,031,525
1971-72	14,124,746	---	14,124,746	3,388,651	17,513,397
*1972-73	15,559,845	2,092,989	17,652,834	4,179,173	21,832,007
1973-74	17,305,424	2,446,291	19,751,715	4,317,384	24,069,099
1974-75	21,922,765	3,175,650	25,098,415	6,049,080	31,147,495
1975-76	25,809,587	3,775,681	29,585,268	7,207,180	36,792,448
1976-77	24,301,281	3,454,088	27,755,369	7,258,102	35,013,471
1977-78	25,479,652	3,668,936	29,148,588	6,845,309	35,993,897
**1978-79	24,891,025	3,631,510	28,522,535	7,173,178	35,695,713
1979-80	25,720,543	3,781,525	29,502,068	7,414,018	36,916,086
1980-81	29,913,252	3,889,620	33,802,872	7,975,946	41,778,818

* New formula for state aid enacted.
**New formula for capital outlay state aid enacted, for districts with less than 5,000 FTSE.

SIGNIFICANT LEGISLATION

1981

Three bills passed by the Arizona Legislature in 1981 will result in greater revenue for the State's community colleges during the coming years:

Chapter 300 (S.B. 1187) - State aid, based on FTSE, for maintenance and operation will be increased by seven percent each year. However, appropriations to cover this increase were not included for 1981-82. The community colleges will be limited to the total dollars appropriated in the General Appropriations Bill for 1981-82.

Chapter 278 (H.B. 2433) - Community Colleges will receive funding for open entry/open exit vocational courses. The amount of funding will be determined according to a formula based on FTSE generation. The State Board of Directors will be required to develop and adopt rules and regulations governing open entry/open exit vocational courses. Open entry/open exit courses are defined as "those vocational and technical educational classes which commence at various times throughout the fiscal year."

Chapter 288 (H.B. 2434) - For the 1980-81 and 1981-82 fiscal years, the community colleges will receive 0.4 funding for vocational and technical courses in the same manner as usual, since 1972, i.e. the "significantly more" terminology adopted at last year's Special Session does not apply to 0.4 funding for 1980-82. Dollars appropriated in the 1980-81 General Appropriations Bill, as line items (up to $1 million), may now be used by the community colleges. These monies will not revert to the General Fund until 1982.

In addition to the above bills, the Legislature appropriated $813,000 for 1981-82 for the purpose of funding ". . . expenditures for utilities, lease or rental of facilities, and administrative salaries for the administrator, administrative secretary, and head custodian at three Skill Centers: Gila River Career Center, Maricopa County Skill Center, and Tucson Career and Skill Center.

1980-81

FTSE & Vocational FTSE

Cost & Income Factors

County	Total FTSE	----Voc-Tech FTSE------ Amount	% of Total FTSE	Operational Cost Per FTSE	Operational State Aid Received Per FTSE	District Levy Per FTSE
Cochise	2,150	813	38%	$ 2,684	$ 746	$ 1,518
Graham	1,848	821	44%	2,640	1,333*	172
Maricopa	28,194	9,621	34%	1,940	582	1,248
Mohave	1,094	405	37%	2,739	870	1,738
Navajo	1,689	620	37%	2,076	751	1,303
Pima	10,167	3,786	37%	1,935	615	1,155
Pinal	2,612	1,039	40%	2,637	746	1,432
Yavapai	1,840	554	30%	2,824	761	1,889
Yuma	1,894	681	36%	3,012	792	1,944
TOTAL	51,488	18,340	36%	$ 2,123	$ 657	$ 1,272
				(State Average)	(State Average)	(State Average)

* Includes Equalization Aid

35

SUMMARY OF BONDED INDEBTEDNESS AND PLANT INVESTMENT*

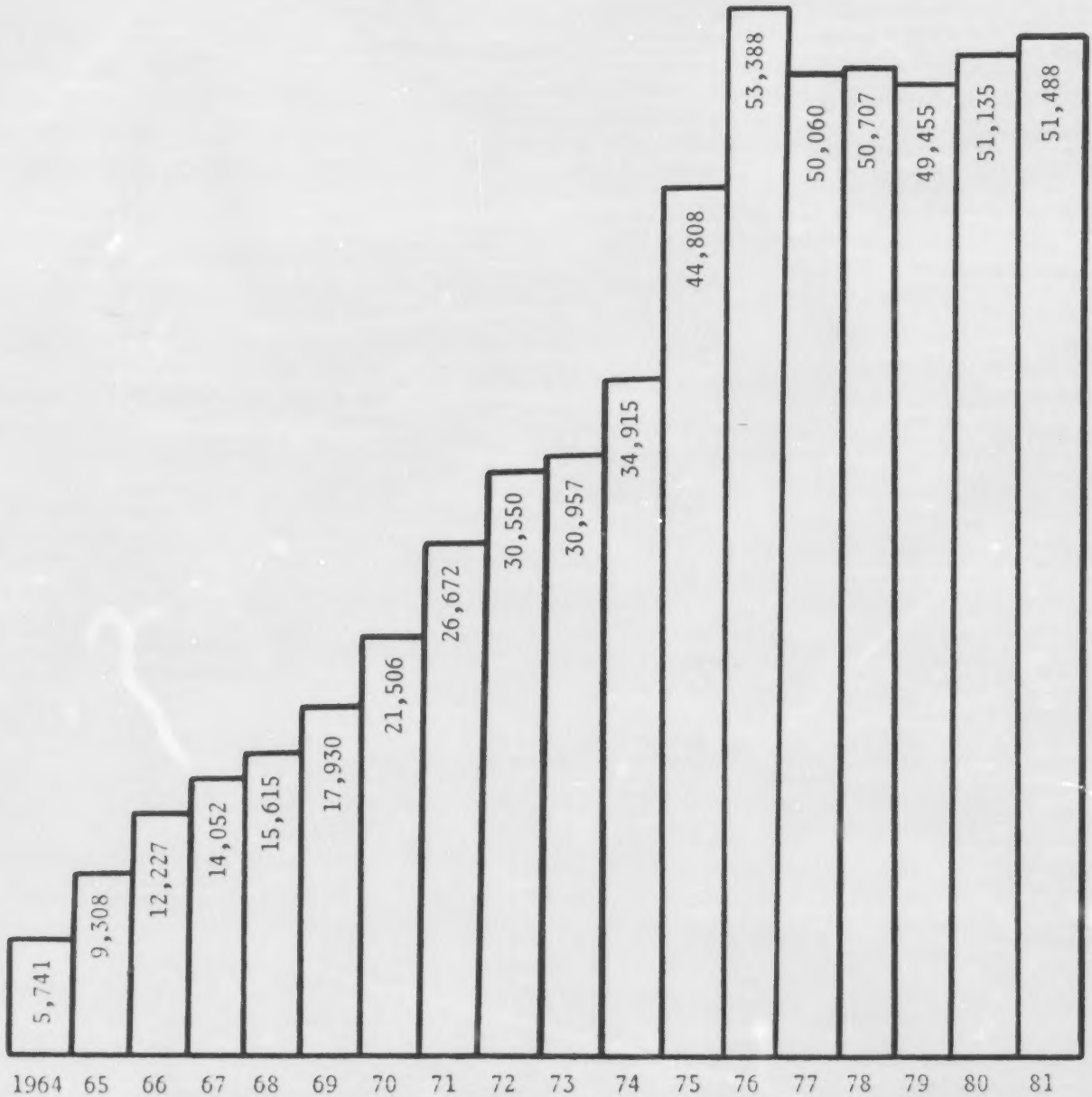
	Cochise	Graham	Maricopa	Mohave	Navajo	Pima	Pinal	Yavapai	Yuma	TOTAL
Total Plant Investment										
Land & Land Improvement	$ 522,963	$ 239,595	$ 9,393,462	$ 57,616	$ 935,396	$ 1,971,547	$ 95,550	$ 513,415	$ 421,701	$ 14,151,245
Buildings & Improvement	6,603,041	5,657,369	56,233,334	2,115,151	965,207	22,742,217	11,187,733	6,141,589	8,298,719	119,944,360
Equipment	3,039,750	2,423,584	19,612,037	1,747,183	2,188,624	8,894,566	4,674,858	3,406,103	2,520,168	48,506,873
Total	$10,165,754	$8,320,548	$85,238,833	$3,919,950	$4,089,227	$33,608,330	$15,958,141	$10,061,107	$11,240,588	$182,602,478
Total G.O. Bonds										
Authorized	$ 3,100,000	$1,675,000	$14,870,000	$ -0-	$ -0-	$ 5,990,000	$ 8,000,000	$ 2,500,000	$ 2,840,000	$ 38,975,000
Sold	3,100,000	1,675,000	14,870,000	-0-	-0-	5,990,000	8,000,000	2,500,000	2,840,000	38,975,000
Redeemed	3,100,000	885,000	10,980,000	-0-	-0-	2,250,000	1,960,000	1,500,000	2,735,000	23,410,000
Bonds Outstanding	$ -0-	$ 790,000	$ 3,890,000	$ -0-	$ -0-	$ 3,740,000	$ 6,040,000	$ 1,000,000	$ 105,000	$ 15,565,000
Total Revenue Bonds										
Authorized	$ 1,295,000	$ 619,000	$17,750,000	$ -0-	$ -0-	$ 7,240,000	$ 1,500,000	$ 1,250,000	$ 2,905,000	$ 32,559,000
Sold	1,295,000	619,000	17,750,000	-0-	-0-	7,240,000	1,500,000	1,250,000	2,905,000	32,559,000
Redeemed	465,000	178,000	6,285,000	-0-	-0-	1,105,000	425,000	530,000	640,000	9,628,000
Bonds Outstanding	$ 830,000	$ 441,000	$11,465,000	$ -0-	$ -0-	$ 6,135,000	$ 1,075,000	$ 720,000	$ 2,265,000	$ 22,931,000
Total Refunding Bonds										
Authorized	-0-	-0-	$14,605,000	-0-	-0-	$ 7,555,000	$ 1,115,000	$ 1,855,000	-0-	
Sold	-0-	-0-	14,605,000	-0-	-0-	7,555,000	1,115,000	1,855,000	-0-	

1980-81 ASSESSED VALUATION	Cochise	Graham	Maricopa	Mohave	Navajo	Pima	Pinal	Yavapai	Yuma
Primary	$232,107,224	$46,035,000	$3,822,449,353	$217,473,551	$376,575,297	$1,385,811,424	$311,151,296	$256,603,861	$221,174,134
Secondary	$236,275,330	$46,868,879	$3,994,223,482	$222,041,059	$380,074,513	$1,439,932,256	$318,106,298	$268,612,846	$226,802,371
COLLEGE TAX RATE									
Primary	$1.41	$1.09	$ .88	$ .9084	$ .6140	$ .8393	$1.2607	$1.4125	$1.6542
Secondary	-0-	.26	.04	-0-	-0-	.0497	.1926	.1146	-0-

*These amounts are inclusive from the inception of each district to June 30, 1981.

1963-64 Through 1980-81

Full-Time Student Equivalents



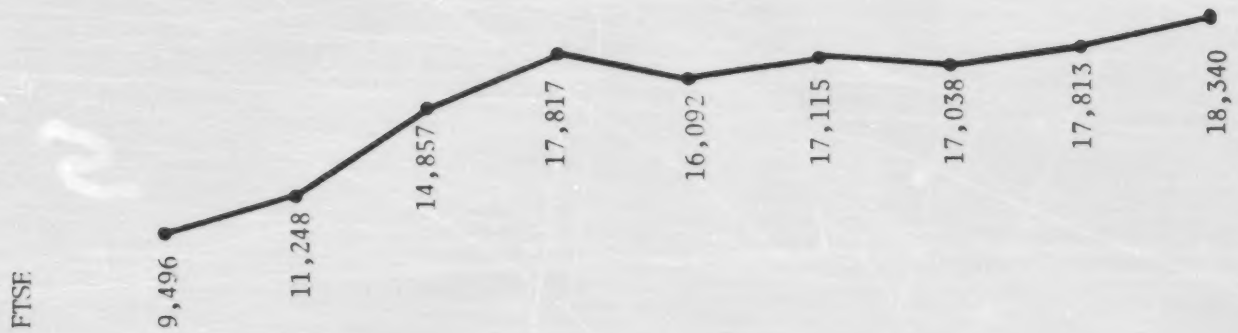
FULL-TIME STUDENT EQUIVALENT ENROLLMENT
Fall Semester 1963-64 Through 1971-72
Averaged FTSE 1972-73 Through 1980-81*

Year	Cochise	Graham	Maricopa	Mohave	Navajo	Pima	Pinal	Yavapai	Yuma	Total
1963-64	---	629	4,576	---	---	---	---	---	536	5,741
1964-65	567	654	7,134	---	---	---	---	---	953	9,308
1965-66	824	858	9,411	---	---	---	---	---	1,134	12,227
1966-67	811	942	10,966	---	---	---	---	---	1,333	14,052
1967-68	929	1,010	12,367	---	---	---	---	---	1,309	15,615
1968-69	1,072	1,075	14,329	---	---	---	---	---	1,454	17,930
1969-70	1,144	1,112	16,445	---	---	---	801	495	1,509	21,506
1970-71	1,315	1,031	18,142	---	---	2,380	1,488	665	1,651	26,672
1971-72	1,311	1,136	19,433	---	---	3,790	2,208	867	1,805	30,550
*1972-73	1,339	1,174	19,240	---	---	4,647	2,022	966	1,569	30,957
*1973-74	1,496	1,478	20,065	---	---	6,453	2,263	1,296	1,864	34,915
*1974-75	1,842	1,643	24,545	639	794	8,859	2,489	1,803	2,194	44,808
*1975-76	2,178	2,332	28,554	1,006	1,044	11,189	2,889	2,081	2,115	53,388
*1976-77	2,332	1,755	26,394	1,164	880	10,885	2,657	1,949	2,044	50,060
*1977-78	2,245	1,909	26,032	1,276	1,182	11,427	2,836	1,858	1,942	50,707
*1978-79	2,106	1,845	26,110	1,198	1,414	10,641.5	2,475.5	1,762.5	1,902	49,454.5
*1979-80	2,156	1,824	27,299	1,033	1,566	11,038	2,452	1,815	1,952	51,135
*1980-81	2,150	1,848	28,194	1,094	1,689	10,167	2,612	1,840	1,894	51,488

* FTSE enrollment from 1972-73 through the present, indicates averaged FTSE for the Fall and Spring semesters. State aid is based on the averaged FTSE enrolled for the year, as per Arizona Revised Statutes. FTSE equals the total number of student credit hours generated per year divided by 30.

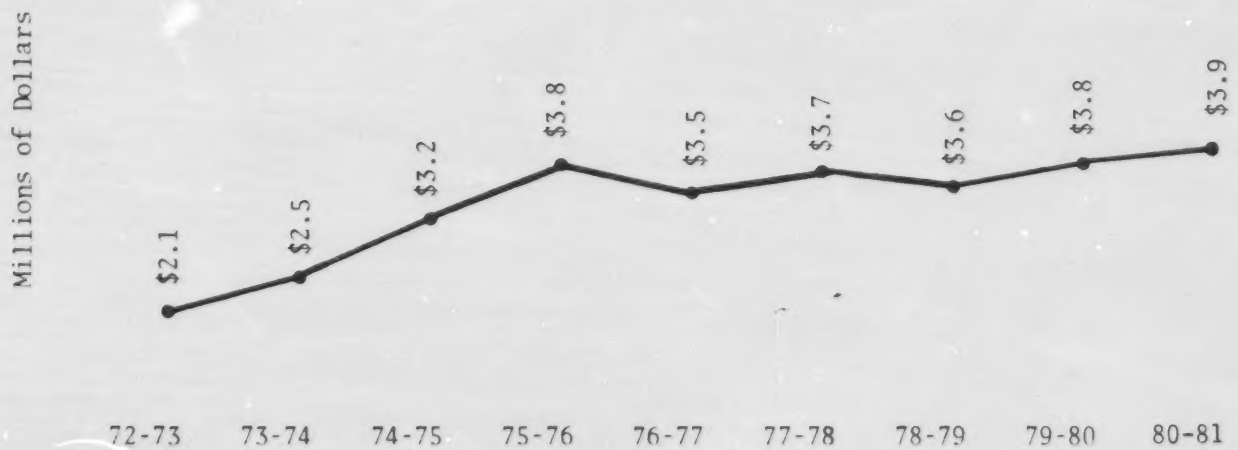
1972-73 Through 1980-81

Vocational Enrollment



State Aid

Vocational Dollars



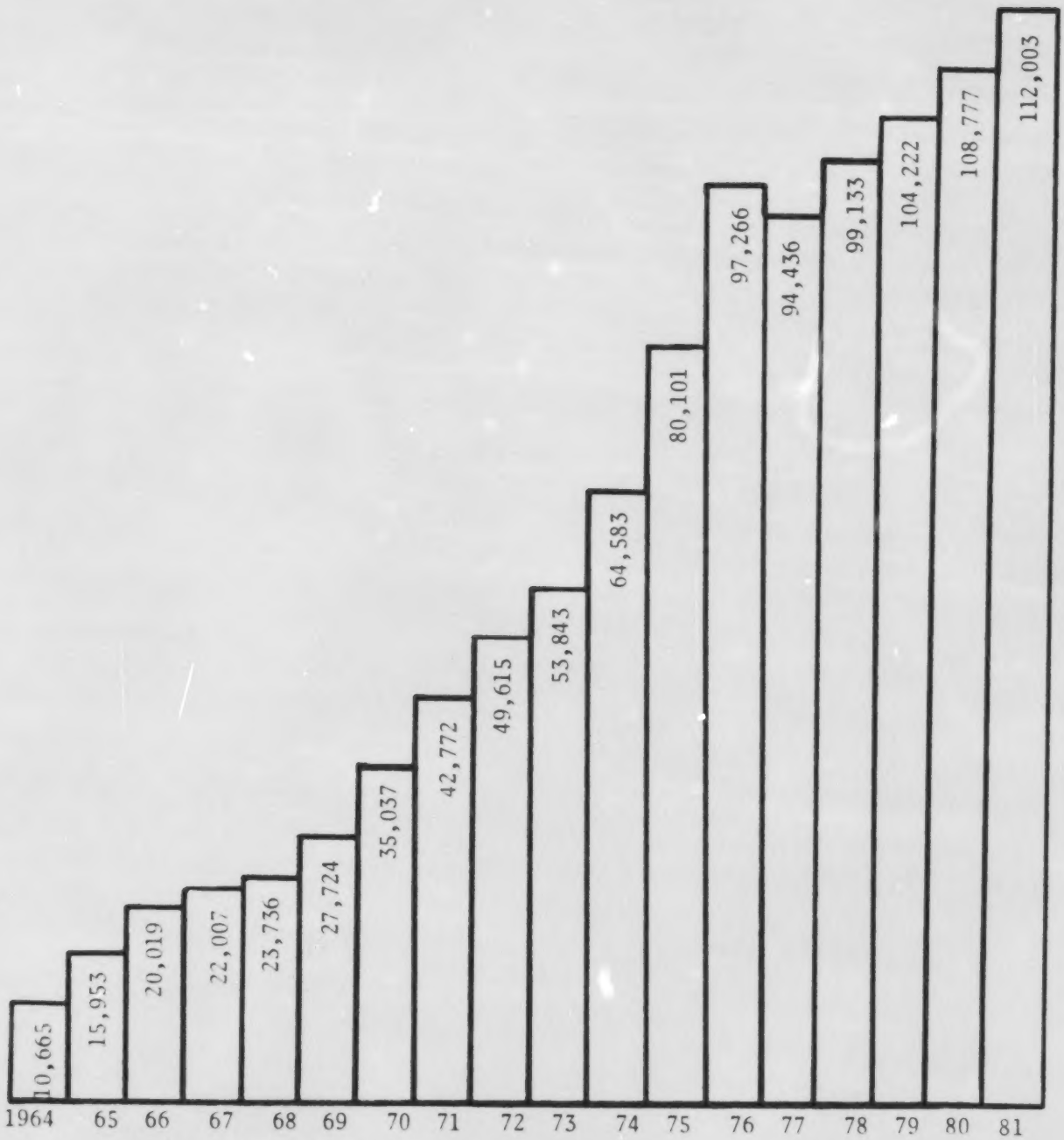
VOCATIONAL FTSE HISTORY

Fiscal Years 1972-73 Through 1980-81

Fiscal Year	Vocational FTSE	Percent of Total FTSE	Total FTSE	Total State Aid Paid To Vocational FTSE	Percent of Total Operational State Aid
1972-73	9,496	30.7%	30,957	$ 2,092,989	12.0%
1973-74	11,248	32.2%	34,915	2,446,291	12.0%
1974-75	14,857	33.2%	44,808	3,175,650	12.6%
1975-76	17,817	33.4%	53,388	3,775,681	12.8%
1976-77	16,092	32.1%	50,060	3,454,088	12.4%
1977-78	17,115	33.8%	50,707	3,668,936	12.6%
1978-79	17,038	34.5%	49,454.5	3,631,510	12.7%
1979-80	17,813	35.0%	51,135	3,781,525	12.8%
1980-81	18,340	35.6%	51,488	3,889,620	11.5%

1963-64 Through 1980-81

Fall Headcount Enrollment



FALL HEADCOUNT ENROLLMENT

1963-64 Through 1980-81

	Cochise	Graham	Maricopa	Mohave	Navajo	Pima	Pinal	Yavapai	Yuma	Totals
1963-64	---	826	8,873	---	---	---	---	---	966	10,665
1964-65	1,018	789	12,512	---	---	---	---	---	1,634	15,953
1965-66	1,215	890	16,244	---	---	---	---	---	1,670	20,019
1966-67	1,098	951	18,149	---	---	---	---	---	1,809	22,007
1967-68	1,352	1,035	19,460	---	---	---	---	---	1,889	23,736
1968-69	1,503	1,346	22,692	---	---	---	---	---	2,183	27,724
1969-70	1,605	1,593	26,631	---	---	---	2,070	801	2,337	35,037
1970-71	1,767	1,736	28,827	---	---	3,530	2,891	1,006	3,015	42,772
1971-72	2,151	1,792	31,230	---	---	5,588	4,446	1,383	3,025	49,615
1972-73	2,159	2,094	33,672	---	---	7,616	3,891	1,702	2,709	53,843
1973-74	2,483	2,781	37,093	---	---	11,669	4,437	2,534	3,586	64,583
1974-75	2,829	2,690	43,541	1,521	2,010	15,266	4,427	3,909	3,908	80,101
1975-76	3,407	4,027	49,954	2,635	2,993	19,588	5,961	4,689	4,012	97,266
1976-77	3,863	3,109	48,327	2,710	2,289	20,003	5,846	4,242	4,047	94,436
1977-78	3,977	3,363	49,785	3,305	3,173	21,351	6,090	4,309	3,780	99,133
1978-79	3,939	3,576	54,309	3,410	3,994	21,521	5,189	4,412	3,872	104,222
1979-80	4,109	3,467	58,281	3,005	4,323	21,769	5,286	4,628	3,909	108,777
1980-81	4,069	3,700	60,798	3,368	5,376	19,985	6,102	4,758	3,847	112,003

1980-81 STATE TOTALS

Headcount Enrollment Characteristics

	Fall 1980		Spring 1981				
	State Total	% of Total	State Total	% of Total	Total 1980-81	Average	
Age Distribution							
Below 20 years	21,991	19.6	19,433	17.2	41,424	20,712	18.4
20-29 years	44,126	39.4	45,197	40.0	89,323	44,662	39.7
30-39 years	22,192	19.8	22,621	20.0	44,813	22,407	19.9
40-49 years	10,811	9.7	11,134	9.8	21,945	10,973	9.7
50-59 years	5,644	5.0	5,955	5.2	11,599	5,799	5.2
60 and above	5,033	4.5	6,659	5.9	11,692	5,846	5.2
Undeclared	2,206	2.0	2,161	1.9	4,367	2,183	1.9
TOTAL	112,003	100.0	113,160	100.0	225,163	112,582	100.0
Ethnic Background							
American Indian	3,873	3.5	4,231	3.7	8,104	4,052	3.6
Asian or Pacific Islander	1,638	1.5	1,669	1.5	3,307	1,653	1.5
Black (Non-Hispanic)	3,735	3.3	3,778	3.3	7,513	3,757	3.3
Hispanic	11,564	10.3	11,334	10.0	22,898	11,449	10.2
White (Non-Hispanic)	84,018	75.0	85,483	75.6	169,501	84,751	75.3
Undeclared	7,175	6.4	6,665	5.9	13,840	6,920	6.1
TOTAL	112,003	100.0	113,160	100.0	225,163	112,582	100.0

1980-81 STATE TOTALS

Headcount Enrollment Characteristics

Resident & Non-Resident Full-time/Part-time Male/Female	Fall 1980 State Total	Fall 1980 % of Total	Spring 1981 State Total	Spring 1981 % of Total	Total 1980-81	Average	Average
Resident	99,643	89.0	99,460	87.9	199,103	99,552	88.4
Out-of-County	7,103	6.3	7,647	6.7	14,750	7,375	6.5
Out-of-State	3,969	3.5	4,718	4.2	8,687	4,344	3.9
Foreign	1,288	1.2	1,335	1.2	2,623	1,311	1.2
TOTAL	112,003	100.0	113,160	100.0	225,163	112,582	100.0
Full-time	26,437	23.6	25,204	22.3	51,641	25,821	22.9
Part-time	85,566	76.4	87,956	77.7	173,522	86,761	77.1
TOTAL	112,003	100.0	113,160	100.0	225,163	112,582	100.0
Male	48,123	43.0	49,281	43.5	97,404	48,702	43.3
Female	58,958	52.6	59,505	52.6	118,463	59,232	52.6
Undeclared	4,922	4.4	4,374	3.9	9,296	4,648	4.1
TOTAL	112,003	100.0	113,160	100.0	225,163	112,582	100.0

Fall 1980

Headcount*

Age Distribution

County	Below 20 years	20-29 years	30-39 years	40-49 years	50-59 years	60 and above	Undeclared	Total
Cochise	519	1,604	973	487	296	147	43	4,069
Graham	638	1,307	778	406	214	331	26	3,700
Maricopa	12,736	25,002	11,824	5,696	2,508	1,194	1,838	60,798
Mohave	485	807	647	378	403	583	65	3,368
Navajo	864	1,331	1,635	732	407	407	---	5,376
Pima	3,902	9,424	3,545	1,807	831	311	165	19,985
Pinal	1,026	1,866	1,256	553	421	980	---	6,102
Yavapai	893	1,305	793	389	353	957	68	4,758
Yuma	928	1,480	741	363	211	123	1	3,847
TOTAL	21,991	44,126	22,192	10,811	5,644	5,033	2,206	112,003
PERCENT OF TOTAL	19.6	39.4	19.8	9.7	5.0	4.5	2.0	100

*Based on 45-day census

Spring 1981

Headcount*

Age Distribution

County	Below 20 years	20-29 years	30-39 years	40-49 years	50-59 years	60 and above	Undeclared	Total
Cochise	795	1,717	871	490	193	104	---	4,170
Graham	478	1,426	862	393	250	460	39	3,908
Maricopa	11,119	24,995	11,823	5,656	2,626	1,312	1,698	59,229
Mohave	332	839	640	427	383	730	23	3,374
Navajo	1,030	1,445	1,866	747	442	365	---	5,895
Pima	3,574	9,846	3,678	1,888	915	374	139	20,414
Pinal	747	1,965	1,283	644	490	1,661	200	6,990
Yavapai	513	1,551	887	463	371	1,053	54	4,892
Yuma	845	1,413	711	426	285	600	8	4,288
TOTAL	19,433	45,197	22,621	11,134	5,955	6,659	2,161	113,160
PERCENT OF TOTAL	17.2	40.0	20.0	9.8	5.2	5.9	1.9	100

*Based on 45-day census

Fall 1980

Headcount*

Ethnic Background

County	American Indian	Asian or Pacific Islander	Black (Non-Hispanic)	Hispanic	White (Non-Hispanic)	Undeclared	Total
Cochise	23	151	164	650	2,484	597	4,069
Graham	248	20	123	626	2,630	53	3,700
Maricopa	1,038	978	2,206	4,537	46,066	5,973	60,798
Mohave	52	13	4	73	3,153	73	3,368
Navajo	1,217	24	34	155	3,600	346	5,376
Pima	464	375	807	3,543	14,796	---	19,985
Pinal	497	24	206	980	4,395	---	6,102
Yavapai	235	19	25	162	4,311	6	4,758
Yuma	99	34	166	838	2,583	127	3,847
TOTAL	3,873	1,638	3,735	11,564	84,018	7,175	112,003
PERCENT OF TOTAL	3.5	1.5	3.3	10.3	75.0	6.4	100

*Based on 45-day census

Spring 1981

Headcount*

Ethnic Background

County	American Indian	Asian or Pacific Islander	Black (Non-Hispanic)	Hispanic	White (Non-Hispanic)	Undeclared	Total
Cochise	151	175	246	669	2,682	247	4,170
Graham	205	21	126	603	2,908	45	3,908
Maricopa	1,045	894	2,125	4,343	44,864	5,958	59,229
Mohave	62	14	2	57	3,209	31	3,374
Navajo	1,466	57	48	202	3,747	375	5,895
Pima	486	395	872	3,481	15,180	---	20,414
Pinal	507	29	186	999	5,269	---	6,990
Yavapai	224	42	25	155	4,439	7	4,892
Yuma	85	42	148	825	3,186	2	4,288
TOTAL	4,231	1,669	3,778	11,334	85,483	6,665	113,160
PERCENT OF TOTAL	3.7	1.5	3.3	10.0	75.6	5.9	100

*Based on 45-day census

Fall 1980

Headcount*

Residency Status & Full-time/Part-time

County	Resident	Out-of-County	Out-of-State	Foreign	Total	Full-time	Part-time	Total
Cochise	3,530	170	162	207	4,069	1,098	2,971	4,069
Graham	1,440	2,090	135	35	3,700	1,142	2,558	3,700
Maricopa	57,361	727	2,383	327	60,798	14,749	46,049	60,798
Mohave	3,234	44	90	---	3,368	269	3,099	3,368
Navajo	4,137	1,236	3	---	5,376	413	4,963	5,376
Pima	18,092	734	572	587	19,985	5,542	14,443	19,985
Pinal	4,866	912	277	47	6,102	1,289	4,813	6,102
Yavapai	3,714	984	54	6	4,758	852	3,906	4,758
Yuma	3,269	206	293	79	3,847	1,083	2,764	3,847
TOTAL	99,643	7,103	3,969	1,288	112,003	26,437	85,566	112,003
PERCENT OF TOTAL	89.0	6.3	3.5	1.2	100	23.6	76.4	100

*Based on 45-day census

Spring 1981

Headcount*

Residency Status & Full-time/Part-time

County	Resident	Out-of-County	Out-of-State	Foreign	Total	Full-time	Part-time	Total
Cochise	3,591	153	183	243	4,170	1,113	3,057	4,170
Graham	1,575	2,144	149	40	3,908	1,046	2,862	3,908
Maricopa	56,133	607	2,169	320	59,229	13,687	45,542	59,229
Mohave	3,140	66	168	---	3,374	276	3,098	3,374
Navajo	4,176	1,716	3	---	5,895	628	5,267	5,895
Pima	18,337	790	704	583	20,414	5,355	15,059	20,414
Pinal	5,338	993	641	18	6,990	1,219	5,771	6,990
Yavapai	3,799	1,032	54	7	4,892	799	4,093	4,892
Yuma	3,371	146	647	124	4,288	1,081	3,207	4,288
TOTAL	99,460	7,647	4,718	1,335	113,160	25,204	87,956	113,160
PERCENT OF TOTAL	87.9	6.7	4.2	1.2	100	22.3	77.7	100

*Based on 45-day census

Fall 1980

Headcount*

Male/Female

County	Male	Female	Undeclared	Total
Ccohise	2,021	2,048	---	4,069
Graham	1,771	1,929	---	3,700
Maricopa	25,441	30,436	4,921	60,798
Mohave	1,339	2,028	1	3,368
Navajo	2,032	3,344	---	5,376
Pima	9,659	10,326	---	19,985
Pinal	2,311	3,791	---	6,102
Yavapai	1,831	2,927	---	4,758
Yuma	1,718	2,129	---	3,847
TOTAL	48,123	58,958	4,922	112,003
PERCENT OF TOTAL	43.0	52.6	4.4	100

*based on 45-day census

Spring 1981

Headcount*

Male/Female

County	Male	Female	Undeclared	Total
Cochise	2,086	2,084	---	4,170
Graham	1,808	2,100	---	3,908
Maricopa	25,294	29,568	4,367	59,229
Mohave	1,344	2,028	2	3,374
Navajo	2,099	3,796	---	5,895
Pima	10,002	10,412	---	20,414
Pinal	2,776	4,214	---	6,990
Yavapai	1,997	2,890	5	4,892
Yuma	1,875	2,413	---	4,288
TOTAL	49,281	59,505	4,374	113,160
PERCENT OF TOTAL	43.5	52.6	3.9	100

*Based on 45-day census

Fall 1980

Headcount**

Programs By Student Intent

County	Transfer Academic	% of County Total	Occupational	% of County Total	Undeclared Major	% of County Total	Other	% of County Total	Total Headcount
Cochise	2,135	53%	450	11%	1,394	34%	90	2%	4,069
Graham	1,038	28%	951	26%	15	---	1,696	46%	3,700
Maricopa	26,103	43%	22,374	37%	8,322	14%	3,999	6%	60,798
Mohave	672*	20%*	2,152*	64%*	544*	16%*	---	---	3,368
Navajo	2,502	47%	1,907	35%	967	18%	---	---	5,376
Pima	4,850	24%	8,666	43%	---	---	6,469	33%	19,985
Pinal	1,163	19%	1,680	28%	3,259	53%	---	---	6,102
Yavapai	1,053	22%	296	6%	3,409	72%	---	---	4,758
Yuma	1,083	28%	612	16%	2,152	56%	---	---	3,847
TOTAL	40,599		39,088		20,062		12,254		112,003
PERCENT OF STATE TOTAL		36%		35%		18%		11%	

* Estimated
**Based on 45-day census

Spring 1981

Headcount**

Programs By Student Intent

County	Transfer Academic	% of County Total	Occupational	% of County Total	Undeclared Major	% of County Total	Other	% of County Total	Total Headcount
Cochise	1,814	43%	444	11%	1,829	44%	83	2%	4,170
Graham	1,154	30%	953	24%	---	---	1,801	46%	3,908
Maricopa	21,071	36%	25,948	44%	7,422	12%	4,788	8%	59,229
Mohave	595*	18%*	968*	29%*	182*	5%*	1,629*	48%*	3,374
Navajo	2,100	36%	1,995	34%	1,590	27%	210	3%	5,895
Pima	5,142	25%	8,542	42%	---	---	6,730	33%	20,414
Pinal	813	12%	1,618	23%	4,559	65%	---	---	6,990
Yavapai	703	14%	304	6%	3,885	80%	---	---	4,892
Yuma	896	21%	519	12%	2,873	67%	---	---	4,288
TOTAL	34,288		41,291		22,340		15,241		113,160
PERCENT OF STATE TOTAL		30%		37%		20%		13%	

* Estimated
**Based on 45-day census

Fall 1980

Headcount

Types of Students

County	Arizona High School Graduates		Former Community College Students	First Time Students*	Transfers
	Prior Year	Other Years			
Cochise	328	1,453	N/A	1,381	541
Graham	301	1,449	604	1,701	227
Maricopa	7,685	32,565	7,335	16,538	15,080
Mohave	N/A	N/A	N/A	1,525	N/A
Navajo	N/A	N/A	1,158	983	850
Pima	1,555	7,468	3,478	5,006	2,507
Pinal	267	810	N/A	544	N/A
Yavapai	290	406	845	314	62
Yuma	315	979	149	1,652	611
TOTAL	10,741	45,130	13,569	29,644	19,878

N/A - Information is not available
*New to Higher Education

Spring 1981

Headcount

Types of Students

County	Arizona High School Graduates		Former Community College Students	First Time Students*	Transfers
	Prior Year	Other Years			
Cochise	491	1,064	N/A	1,992	513
Graham	274	2,144	834	1,316	302
Maricopa	2,826	28,047	6,637	10,329	3,517
Mohave	N/A	N/A	N/A	1,198	N/A
Navajo	N/A	N/A	385	965	450
Pima	1,516	7,332	3,695	3,492	2,225
Pinal	242	1,314	N/A	264	N/A
Yavapai	220	395	892	54	18
Yuma	275	856	763	1,254	216
TOTAL	5,844	41,152	13,206	20,864	7,241

N/A - Information is not available
*New to Higher Education

Fall 1980

Miscellaneous Headcount Information

County	Veterans	Students Reported as Handicapped	Students Receiving Financial Aid	Indian Reservation Programs	Prison Programs	Summer Credit Programs
Cochise	758	110	534	---	---	136
Graham	234	---	475	176	375	117
Maricopa	5,295	3,344	10,858	71	243	12,140
Mohave	104	1	127	---	---	---
Navajo	235	6	175	1,581	---	98
Pima	2,471	385	2,318	21	329	4,323
Pinal	220	5	678	138	437	233
Yavapai	171	8	435	---	---	371
Yuma	392	13	939	---	---	500
TOTAL	9,880	3,872	16,539	1,987	1,384	17,918

Spring 1981

Miscellaneous Headcount Information

County	Veterans	Students Reported as Handicapped	Students Receiving Financial Aid	Indian Reservation Programs	Prison Programs
Cochise	857	93	658	---	---
Graham	182	25	445	111	389
Maricopa	5,528	2,413	11,469	25	81
Mohave	108	---	160	---	---
Navajo	223	5	170	1,782	---
Pima	2,419	219	2,464	34	321
Pinal	171	5	956	138	385
Yavapai	188	9	571	---	---
Yuma	393	---	892	---	---
TOTAL	10,069	2,769	17,785	2,090	1,176

Degrees and Certificates Awarded

County	Degrees Awarded - June 1981				1 yr. Certificates Awarded 1980-81
	Academic	Occupational	Other	Total	
Cochise	152	140	---	292	72
Graham	37	39	74	150	7
Maricopa	N/A	N/A	N/A	2,958	890
Mohave	23	14	---	37	60
Navajo	41	44	---	85	8
Pima	106	568	264	938	200
Pinal	54	68	---	122	139
Yavapai	115	28	---	143	25
Yuma	118	94	---	212	---
TOTAL	646	995	338	4,937*	1,401

*Does not total. Maricopa does not classify by types of degrees.
N/A - information is not available.

1980-81

Credit Hours Enrolled

County	Fall 1980 Transfer Academic (1.0 Funding)	Fall 1980 Occupational (1.4 Funding)	Fall 1980 Total Credit Hours Enrolled	Spring 1981 Transfer Academic (1.0 Funding)	Spring 1981 Occupational (1.4 Funding)	Spring 1981 Total Credit Hours Enrolled
Cochise	19,871	12,096	31,967	20,253	12,276	32,529
Graham	15,650	11,924	27,574	15,198	11,286	26,484
Maricopa	338,281	92,450	430,731	313,800	91,023	404,823
Mohave	10,583	5,827	16,410	10,166	6,219	16,385
Navajo	15,210	16,020	31,230	16,740	9,855	26,595
Pima	97,144	55,258	152,402	94,559	57,539	152,098
Pinal	23,534	14,325	37,859	23,661	15,975	39,636
Yavapai	19,502	8,112	27,614	19,066	8,231	27,297
Yuma	18,375	10,125	28,500	18,021	10,262	28,283
TOTAL	558,150	226,137	784,287	531,464	222,666	754,130

Off-Campus Programs

County	Fall 1980 No. of Students	Fall 1980 No. of Classes	Fall 1980 No. of Locations	Spring 1981 No. of Students	Spring 1981 No. of Classes	Spring 1981 No. of Locations
Cochise	3,352	656	11	652	118	11
Graham	2,269	296	12	2,423	375	12
Maricopa	11,940	1,015	160	12,103	1,670	168
Mohave	362	48	7	452	64	7
Navajo	2,347	255	15	---	---	---
Pima	6,743	472	61	6,916	490	56
Pinal	4,008	353	23	4,949	472	23
Yavapai	2,213	381	16	2,180	418	16
Yuma	2,474	212	8	2,945	254	9
TOTAL	35,708	3,688	313	32,620	3,861	302

1980-81

Non-Credit Classes

County	Fall 1980		Spring 1981	
	No. of Non-Credit Classes Offered	No. of Students Enrolled in Non-Credit Classes	No. of Non-Credit Classes Offered	No. of Students Enrolled in Non-Credit Classes
Cochise	5	100	7	164
Graham	2	10	10	131
Maricopa	451	4,915	531	5,251
Mohave	8	183	29	759
Navajo	---	---	---	---
Pima	182	2,694	318	4,719
Pinal	78	4,055	85	5,528
Yavapai	17	243	16	280
Yuma	40	400	41	1,165
TOTAL	783	12,600	1,037	17,997

VOCATIONAL EDUCATION

Arizona's community colleges have accepted the role of serving as major manpower training agencies. This includes training youth and adults for gainful employment in those occupations that require some type of postsecondary training but something less than a bachelor's degree.

The following statistics were obtained from the Department of Education, Division of Vocational Education. THESE FIGURES ARE COMPILED ACCORDING TO SPECIFIC FEDERAL REQUIREMENTS AND, THEREFORE, WILL NOT COINCIDE WITH PREVIOUSLY REPORTED ENROLLMENT FIGURES. This is a cumulative record of all enrollment during the entire year.

During the 1980-81 fiscal year, community colleges in Arizona reported the following number of enrollments in vocational-technical credit courses. This unduplicated count indicates one student counted only once whether enrolled in one or several courses.

COUNTY	COLLEGE		UNDUPLICATED COUNT
Cochise	Cochise College		2,726
Graham	Eastern Arizona College		2,851
Maricopa	Maricopa County Community College District		45,223
	Glendale Community College	9,281	
	Maricopa Technical College	4,160	
	Mesa Community College	9,321	
	Phoenix College	10,422	
	Rio Salado Community College	7,938	
	Scottsdale Community College	3,702	
	South Mountain Community College	399	
Mohave	Mohave Community College		2,464
Navajo	Northland Pioneer College		3,142
Pima	Pima Community College		15,784
Pinal	Central Arizona College		3,260
Yavapai	Yavapai College		2,783
Yuma	Arizona Western College		2,823
Other	Non-Resident Aliens		467
STATE TOTAL (unduplicated count)			81,523

The following duplicated count shows the total number of students enrolled in vocational courses:

COUNTY	COLLEGE		DUPLICATED COUNT
Cochise	Cochise		6,080
Graham	Eastern Arizona College		6,537
Maricopa	Maricopa County Community College District		84,196
	Glendale Community College	17,128	
	Maricopa Technical College	11,564	
	Mesa Community College	17,167	
	Phoenix College	19,502	
	Rio Salado Community College	12,040	
	Scottsdale Community College	6,274	
	South Mountain Community College	521	
Mohave	Mohave Community College		3,851
Navajo	Northland Pioneer College		7,016
Pima	Pima Community College		33,130
Pinal	Central Arizona College		9,344
Yavapai	Yavapai College		5,054
Yuma	Arizona Western College		6,358
STATE TOTAL (duplicated count)			161,566

Enrollment for college credit courses in occupational education falls into the following categories:

OCCUPATIONAL AREA	ENROLLMENT
Agriculture	1,233
Distributive Education	14,140
Health Occupations	7,664
Home Economics	4,936
Office Education	20,429
Technical Education	7,313
Trade and Industrial Education	24,838
Other	970
STATE TOTAL (unduplicated count)	81,523

Federal Funds

Federal funds allotted to Arizona for vocational education support instruction for people of all ages in all communities and in all occupations requiring less than a bachelor's degree. Federal vocational funds allotted to our community colleges were used to provide supplementary services that do not generate state financial support but fall within the area of responsibility of our community colleges. These include noncredit courses for out-of-school youth and adults, career counseling and placement services, exemplary programs conducted on a pilot basis, in-service teacher training clinics and workshops, research, work-study programs for needy youth, and individual tutoring or other help to the handicapped and disadvantaged. Federal Funds were expended by county as follows:

District	Federal Funds*	State Funds	Total Vocational Education Funds
Cochise	$ 61,759	$ -0-	$ 61,759
Graham	144,755	723	145,478
Maricopa	781,285	89,844	871,129
Mohave	64,150	7,112	71,262
Navajo	50,117	-0-	50,117
Pima	429,719	10,867	440,586
Pinal	62,251	-0-	62,251
Yavapai	91,049	4,049	95,098
Yuma	81,951	2,167	84,118
TOTAL VOCATIONAL	$1,767,036	$114,762	$1,881,798**

*Federal funds include unexpended fiscal year 1979-80 federal funds, but included in the 1980-81 program budgets.

**Federal vocational funds were allotted directly to community colleges by the State Board of Education serving as the State Board for Vocational Education.

PROJECTS

During the 1980-1981 academic year, four projects were completed. These projects were funded by the Arizona Department of Education, Vocational Education, Research Coordinating Unit.

A Revised Curriculum for Real Estate Education

DESCRIPTION OF CONTENT:

This project resulted in the identification of a common-core curriculum for Real Estate Education offered by community colleges in Arizona. The common-core courses identified for Real Estate Education are: (1) Principles of Real Estate; (2) Real Estate Finance; (3) Real Estate Law, and (4) Real Estate Appraisal.

The minimal competencies for each common-core course are also identified. Minimal competencies are those competencies which describe the fundamental concepts and skills that are universal to the scope of the course.

The common-core courses and minimal competencies were identified and evaluated by an Advisory Council composed of experts in Real Estate Education.

SUGGESTED UTILIZATION OF THIS PRODUCT:

Community Colleges

1. Faculty and counselors will be able to advise students with a greater reliability relative to program requirements and transferability for all common-core courses.

2. Faculty will be aided in planning course content and pace of delivery.

3. Faculty and administrators will use the common-core curricula as a standard guideline for awarding transfer credit and for the scheduling of courses.

4. Administrators will be aided when evaluating instruction by using the minimal competencies as one standard for measuring teaching effectiveness.

Universities

1. University faculty and deans will have a greater in-depth understanding of the background knowledge possessed by entering transfer students.

2. University faculty will be able to achieve greater continuity of instruction between lower and upper division course offerings if the minimal course content for lower division is assured.

Public and Private Agencies

1. Employing agencies will be able to better evaluate the job readiness of applicants when the knowledge and skills are known.

2. Training academies will be able to avoid costly duplication of instruction by knowing the educational background of new recruits.

3. Public and private agencies will be able to establish criteria for promotions if they have sufficient assurance that personnel enrolled in a common-core course must master known understandings and skills.

A New Curriculum for Basic Fire Investigation/Arson Education

DESCRIPTION OF CONTENT:

This project resulted in the identification of a common-core curriculum for Basic Fire Investigation/Arson Education to be taught at community colleges in Arizona. This is a new curriculum offered at the community college level which is designed to articulate with Advanced Fire Investigation/Arson Education taught at Northern Arizona University.

The common-core courses identified are: (1) Basic Fire Investigation/Arson I; (2) Basic Fire Investigation/Arson II. The minimal competencies are those which describe the fundamental concepts and skills that are universal to the scope of the course.

The common-core courses and minimal competencies were identified and evaluated by an Advisory Council composed of experts in Fire Investigation/Arson Education. In addition, the minimal competencies conform to the competencies published by the National Fire Administration and satisfy the regulations and procedures of the Office of the State Fire Marshal.

SUGGESTED UTILIZATION OF THIS PRODUCT:

Community Colleges

1. Faculty and counselors will be able to advise students with a greater reliability relative to program requirements and transferability for all common-core courses.

2. Faculty will be aided in planning course content and pace of delivery.

3. Faculty and administrators will use the common-core curricula as a standard guideline for awarding transfer credit and for the scheduling of courses.

4. Administrators will be aided when evaluating instruction by using the minimal competencies as one standard for measuring teaching effectiveness.

Universities

1. University faculty and deans will have a greater in-depth understanding of the background knowledge possessed by entering transfer students.

2. University faculty will be able to achieve greater continuity of instruction between lower and upper division course offerings if the minimal course content for lower division is assured.

Public and Private Agencies

1. Employing agencies will be able to better evaluate the job readiness of applicants when the knowledge and skills are known.

2. Training academies will be able to avoid costly duplication of instruction by knowing the educational background of new recruits.

3. Public and private agencies will be able to establish criteria for employment if they have sufficient assurance that personnel enrolled in a common-core course have mastered known understandings and skills.

4. The Office of the State Fire Marshal will have greater assurance that accepted regulations and procedures for Fire Investigation/Arson are being practiced by Fire Service Agencies throughout Arizona.

Implementation of an Approach for Improving Basic Skills for Vocational Students

DESCRIPTION OF CONTENT:

The first phase of this project was completed during FY 1979-1980. This phase consisted of developing an approach for improving the Basic Skills of vocational students. The purpose of this phase was to determine the optimum screening and placement tests for vocational students weak in Basic Skills and to determine the reading, writing, and mathematics skills needed by students in all vocational programs for: (1) Entry Level; (2) Certification Completion; (3) Degree Completion.

The second phase of this project was completed during FY 1980-1981. This phase consisted of implementing a pilot program at a rural and an urban community college. The purpose of this phase was to develop a flexible model for an approach for remedial education that was cost effective and accountable based upon the results of the pilot programs.

The pilot programs were implemented at Northland Pioneer College and at Mesa Community College. The recommendations made by both colleges were published as a "Model for Improving Basic Skills for Vocational Students." The model includes: (1) The optimum placement and screening tests to be used; (2) An inventory of Basic Skills needed for entering and completing vocational programs; (3) Administration, instruction, and non-academic personnel requirements; (4) Materials required; (5) A procedure for teaching Basic Skills.

The third phase of this project is to be completed during FY 1981-1982. During this phase the findings of this project will be disseminated to all community college campuses by holding a series of workshops and seminars.

The "Model for Improving Basic Skills for Vocational Students" was developed and implemented under the guidelines of an Advisory Council composed of experts in remedial education.

SUGGESTED UTILIZATION OF THIS PROJECT:

1. The determination of optimal screening and placement tests will allow faculty and counselors to advise students with a greater reliability in relation to entry level and probability of success.

2. An inventory of basic skills competencies needed for each vocational program will provide faculty and counselors with guidelines for more reliable student advisement.

3. An inventory of the level of basic skills needed for certificate and degree completion will partially satisfy the need for establishing statewide standards for each vocational program.

4. The development of a functional approach for improving basic skills will benefit community college faculty by resulting in greater teaching satisfaction because of a decreased failure rate and an increased persistance rate in vocational programs.

Dissemination of a Revised Curriculum for Criminal Justice Career Programs

DESCRIPTION OF CONTENT:

This project resulted in convening of 28 workshops and seminars throughout Arizona. The purpose of these workshops and seminars was to acquaint community college and university faculties and criminal justice personnel with the "Competency-Based, Common-Core Curricula for Criminal Justice Education" developed during the period 1978 to 1980. More than 400 published copies of this booklet were disseminated. Workshops and seminars were held at all community college campuses and at selected criminal justice centers in Arizona.

The "Competency-Based, Common-Core Curricula for Criminal Justice Education" contains the common-core curricula for three career options in Criminal Justice Education offered by community colleges in Arizona. These career options are: (1) Law Enforcement; (2) Corrections; (3) Evidence-Identification Technology.

The common-core courses identified for the Law Enforcement option are: (1) Police Patrol Procedures; (2) Traffic Law and Control; (3) Constitutional Law; (4) Criminal Investigations I; (5) Community Relations.

The common-core courses identified for the Corrections option are: (1) Juvenile Justice Procedures; (2) Corrections as a System; (3) Detention Supervision Methods; (4) Correctional Administration; (5) Treatment of the Offender (Institutional and Field); (6) Field Experiences.

The common-core courses identified for the Evidence Identification Technology option are: (1) Criminal Investigations I; (2) Criminal Investigations II; (3) Criminalistics I; (4) Criminalistics II; (5) Evidence Technology I; (6) Evidence Technology II.

At each workshop and seminar, evaluation forms were disseminated. Participants evaluated the competencies and the curriculum. A consensus was made of these evaluations. The consensus was reviewed by the Advisory Council to determine the need for corrections or modifications to the published document. No corrections or modifications were needed.

SUGGESTED UTILIZATION OF THIS PRODUCT:

Community Colleges

1. Through articulation workshops, faculty and counselors are better prepared to advise students with regard to criminal justice program requirements and the transferability of courses.

2. A thorough knowledge of minimal competencies aids faculty in planning course content as well as pace of delivery.

Universities

1. University faculty and administrators will be able to achieve a greater continuity of instruction between lower and upper division course offerings if a thorough knowledge of lower division course content has been attained.

2. University faculty and counselors will be knowledgeable in assessing the educational achievements of entering community college transfer students.

Criminal Justice Agencies

1. Training academies will be able to avoid costly duplication of instruction by being aware of the educational background of new recruits.

2. The job readiness of criminal justice personnel who have completed the common-core courses may be better evaluated.

3. Criminal justice agencies will be able to establish more reliable criteria for promotions of community college criminal justice students who have enrolled in common-core courses.

NEW PROJECTS

For the 1981-1982 academic year, the office of the State Board of Directors for Community Colleges of Arizona was awarded the following projects by the Arizona Department of Education, Vocational Education, Research Coordinating Unit:

A Revised Curriculum for Electronics Education

A Revised Curriculum for Basic Emergency Medical Technology Education

Dissemination of an Approach for Improving Basic Skills of Vocational Students

Skill Centers

Another dimension of postsecondary education may be experienced at one of Arizona's Skill Centers. There are three centers, located in Maricopa, Pima, and Pinal counties. These centers are unique operations that have existed in Arizona since 1962. Their purpose is to train unemployed and underemployed persons for entry or re-entry into the labor market. Even though each Skill Center is responsible to the local community college district, they maintain a great degree of autonomy.

Skill Centers do not require a high school diploma for entry although students are encouraged to take advantage of the tutoring and testing available for a General Education Diploma (GED). In order to be truly responsive to the needs of students, the open-entry/open-exit concept is utilized. Students may enroll on any day of the week, and they receive their certificate of completion the day they are "job-ready." At the Gila River Skill Center in Pinal County, dormitory facilities are available for students, as well as an extensive recreational area.

Listed below are some of the training clusters offered at one or more of Arizona's Skill Centers:

- Air Conditioning
- Auto Body and Painting
- Auto Engine Repair
- Basic Financial Skills
- Building Maintenance
- Building Trades
- Cable TV Installation
- Cashier Sales
- Electronic Fabrication
- Electrician Helper
- Food Preparation and Services
- Hospitality
- Licensured Practical Nurse
- Machine Trades
- Meatcutting
- Motorcycle Assembly, Repair
- Nursing Assistant
- Office Occupations
- Precision Sheet Metal
- Welding

Skill Centers of Arizona
Enrollment Data
1980-81

Skill Centers	Number of Students	Number of Programs	Job Placements	Certificates Awarded
Maricopa	1,844	16	1,180	1,475
Pima	976	9	328*	655
Pinal	150	7	-0-	58
TOTAL	2,970	32	1,508	2,188

*Placed at time of completing Skill Center training.

CURRICULA MATRIX FOR ARIZONA'S COMMUNITY COLLEGES

FALL 1981 - SPRING 1982

The attached curricula matrix includes all academic and vocational programs offered by Arizona's community colleges during the academic year 1981-1982. This matrix indicates the type of degree or certificate awarded at the completion of each program. Also shown is the approximate length of time required to complete each certificate program.

This matrix is in conformance to Standard II of the Rules and Regulations adopted by the State Board of Directors for Community Colleges of Arizona on October 23, 1976. Standard II of the Rules and Regulations defines credit versus noncredit courses in terms of objectives, approvals, time and credit, syllabus specifications, success criteria, instructors, admissions, administration, grading, and funding.

Use the legend listed below when interpreting this matrix.

LEGEND

Degrees:

Associate of Arts	1
Associate of Applied Science	2
Associate of Science	3

Certificates (classified according to semester credit hours needed for completion):

0 - 15 semester credit hours	4
16 - 30 semester credit hours	5
31 - 45 semester credit hours	6
46 - 60 semester credit hours	7
License position; no certificate	8

Degrees, Certificates, or Licenses

Associate of Arts - This degree is a college transfer degree. An Associate of Arts program is recommended to students who plan to complete the first two years of a baccalaureate program at the community college. Because the first two years of a baccalaureate program vary considerably between curriculums and institutions, it is usually necessary to design the course work for this degree to specifically satisfy the curriculum as outlined in the catalog of the university to which the student intends to transfer.

Associate of Science - This degree is a college transfer degree that is similar to the Associate of Arts degree except that the student's major emphasis is in science or engineering course work.

Associate of Applied Science - This degree is awarded to students who elect to complete a specified two-year career program and meet all of the requirements of that program.

Certificate - A certificate is awarded to students who have completed an approved vocational program. The length of time necessary to complete certificate programs varies and depends on the achievement of technical skills and competence necessary in the specific area of endeavor.

License - A license is awarded to students who have completed a program of study that has been approved by the licensing agency. These programs vary according to the specific licensure requirements in the specific area of endeavor.

SUMMARY OF CURRICULA MATRIX FOR ACADEMIC AND VOCATIONAL PROGRAMS
ARIZONA COMMUNITY COLLEGE SYSTEM
1981-1982

Community College	DEGREES			CERTIFICATES					Total	Percentage of Total
	Associate of Arts	Associate of Applied Science	Associate of Science	0-15 SCH	16-30 SCH	31-45 SCH	45-60 SCH	Licenses		
Arizona Western	34	28	-	1	23	1	-	-	87	6.4
Central Arizona	10	40	18	1	22	22	1	2	116	8.5
Cochise	11	17	29	-	2	8	1	2	70	5.1
Eastern Arizona	58	29	-	-	6	1	-	1	95	6.9
Glendale	36	41	-	1	5	1	-	-	84	6.2
Maricopa Technical	1	24	-	3	23	13	9	-	73	5.3
Mesa	65	37	-	10	20	10	7	-	149	10.9
Mohave	17	13	-	8	18	7	-	-	63	4.6
Northland Pioneer	30	37	-	-	35	-	-	1	103	7.5
Phoenix	41	49	-	6	9	15	1	-	121	8.9
Pima	29	52	23	22	49	27	12	-	214	15.6
Rio Salado	1	20	-	4	2	-	-	-	27	2.0
Scottsdale	43	23	-	1	6	8	-	-	81	5.9
South Mountain	1	3	-	-	-	-	-	-	4	0.3
Yavapai	29	29	-	4	13	4	1	1	81	5.9
TOTAL	406	442	70	61	233	117	32	7	1368	100.0
Percentage of Total	29.7	32.3	5.1	4.5	17.0	8.6	2.3	0.5	100.0	

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
AGRICULTURE															
Agriculture Mechanics		2,6													
Agriculture Technology		2,6													
Agronomy							2,5,6,7								
Animal Science	2,5						1,2,5,6,7						2,5		
Business															
Agri-Business, Sales & Service				2	2		1,2								
Agriculture Business Mgmt.	2,5	5													
Agriculture Production & Mgmt.				2	2										
Crop Science															
Hort., Ornamental, Landscaping		2,6			2		1,5,6,7				2,4,5				
Plant Science/Crop Science	2,5		2,3				1,2,5								
Pre-Agricultural Sciences									1,2,5		3				
Pre-Watershed Management									1,2,5						
Power Equipment Technology	2,5														
Professional Agriculture	1	2	2,3	1	1										
Pest Control								4							
BUSINESS															
Accounting		2						2		2	2,6		2		
Acctg., Spec. Paraprofessional					2		1,2								
Accounting Clerk/Bookkeeping						5									
Business															
Business/Administration	2	1,3	3	1	1	1	1,2	1	1,2,5	1	2,3,5		1		1
Business, General	2,5		3	1,2	2		1,2		1,2,5	2		2	2		
Computer Science															
Business Computer Operations						2									
Computer Applications/Proq.		2,7				2,6,7					2				2

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
BUSINESS (continued)															
Computer Science (continued)															
Computer Operator						2,6					6				
Computer Spec.-Small Business											2				
Control Technician											6				
Data Processing	2,5			1,2	2		1,2			2					2
Data Proc. Computer Inf. Syst.													2		
Keypunch/Data-Entry Operator	5					5,6					5,6				
Office Tech./Data Processing						2,7									
Systems Programmer											7				
Finance															
Banking and Finance	2,5	2	2	1	2	2	1,2	2,4		2	2,7	2	2		2,4
Savings and Loan											2,4,5				
Credit Union											2,4,5				
Insurance	2						1,2			2	4,5	2	2,5		
Management			1,3			2		2,6							2
Material & Distribution Mgmt.					2										
Merchandising & Selling Mgmt.		2,6													
Mid-Management															
Advertising													6		
Building Materials										2					
Credit Union										2,6	2	2			
Electrical Industry										2					
General	2,5	2	2	1	2		1,2			2,6		2	2,5	2	
Health Care Super. & Mgmt.										2,4,6					
Postal Supervision											2,4,5				
Public Administration										5		2	6		
Public Relations										2,5		2	6		
Tribal Management													2,6		

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
BUSINESS (continued)															
Management (continued)															
Supervisory Management		2,6				5		5			2	2			
Transportation & Traffic Mgmt.											2,5,6				
Marketing															
Fashion Merchandising				2						2,6			6		
Marketing	2,5	2			2			2,6			2				2
Merchandising						2,5									2
Retail Selling						5									
Office Education															
Admin. Asst./Education							1,2				2,7		2		
Clerk Typist		4	6			6			2,5		6	2			
Court Reporter		6								2					
General Office Clerk		5		5	2		1,2,5	5	2,5	2,6			2		
Legal Assistant		2								2		2	2		
Medical Transcriber						5		5		2					
Office Administration	2,5	2		1					2,5						
Office Services	2,5			1,2				2							
Receptionist															
Bilingual			6												
General			6			5			2,5		6				
Legal			6								6				
Medical			6				1,2			2,6	6				
Records Management										2,5	2,5				
Secretary															
Bilingual			2								2,5,6				
Certified Professional		5													
Executive			2								2				
General	2,5	5	2	2	2	2,6	1,2,5	2,6	2,5	2,6	2		2	2	2,5

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
BUSINESS (continued)															
Office Education (continued)															
Secretary (continued)															
Legal			2	2		5	1,2			2,6	2				2
Medical			2	2			1,2			2,6	2				2
Police				2											
Stenographer		5		5		6			2,5						
Typing/Clerical Technician						2			2,5						
Word Processing					2	5	1,2,5		2,5	2			6		2
Real Estate		8			2		1,2,5	5	2,5	2,5		2,4	2,6		
Sales and Brokerage									2,5		2,4,5				
Escrow											4,5				
COMMERCIAL ARTS															
Advertising Art (Design)				2		2,6,7					2,5,7		1		
Applied Art and Design															
Art											2,5				1,5
Commerical															
General	1	1	1	1	1		1	1,5		1,2	1	1	1		
Ceramics, Commercial				2											1
Functional Design											4,5				
Interior Design											1,4,5		1,2		
Photography, Commercial									2	1,2	6,7		1,2		
Graphic Arts Technology		2,6									2,5				
Media Technology															
Broadcasting	2														
Media											2,5				
Motion Picture/TV Production													1,2		

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Community College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
EDUCATION															
Instructional Aide															
Educational Technician									2,5						
Elementary Education	1			1	1		1			1	1		1		
Secondary Education	1			1	1		1			1	1		1		
Teacher's Aide							1,2	4							1
Assistant - In-Service											5				
Assistant - Pre-Service											5				
Bilingual					2		1,2,5					2			
Special Education											2,5,6				
Teacher/Director - In-Service											1,5				
Teacher/Director - Pre-Service											1,5				
Paraprofessional															
Mental Retardation		2													
Pre-Professional															
Pre-Dental	1	3	3	1	1		1	1	1	1	3		1		1
Pre-Engineering	1	2	3	1	1		1	1	2	1	3		1		1
Pre-Forestry	1	3	3	1	1		1	1	1,2	1			1		1
Pre-Law	1	1	1,3	1	1			1	1	1	1		1		
Pre-Medical	1	3	3	1	1		1	1	1	1	3		1		1
Pre-Medical Technologists		3	3		1		1		1	1	3		1		
Pre-Nursing	1	3	3	1	1		1		1	1	1		1		1
Pre-Optometry	1	3	3	1	1		1	1	1	1			1		
Pre-Pharmacy	1	3	3	1	1		1	1	1	1	3		1		1
Pre-Physical Therapy	1	3	3		1				1	1	3		1		
Pre-Veterinary	1	3	3		1		1		1	1	3		1		
GENERAL OR EXPLORATORY STUDIES															
General Studies	1	1		1			1				1		1	1	

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
GENERAL OR EXPLORATORY STUDIES (continued)															
Individualized Programs			1												
HEALTH SERVICES															
Allied Health															
Allied Health Services											4				
Biomedical Technology										2					
Emergency Medical Technology	4	5	8	8				4,5	8	2,4,5,7	4				4
Medical Assistant								4			2,3,6,7				2
Medical Laboratory Technician										2,6					
Medical Radiography						2					3				
Medical Records Technician										2					
Medical Service Management						2,6									
Mental Health/Human Svs. Tech.						2									
Ophthalmic Dispensing											3				
Paramedical Technology		2													
Respiratory Therapy			6			2,6					3				
Dental															
Dental Assisting Technician			2			6					6				
Dental Hygiene										2					
Dental Laboratory Technology											2				
Nursing															
Nurse - Assistant/Aide		5	5			4	5	4	5		4		4		
- Associate Degree	2	2	2	2	2	2	2	2		2	3		2		1
- Practical	6	6	6,7			6	6	6			6				

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
HOME ECONOMICS															
Clothing Construction/Fashion Design and Marketing															
Alteration Specialist											5				
Apparel Design & Construction										6					
Apparel & Interior Merchand.							1,2								
Costuming							4								
Fashion Design											1				
Fashion Merchand., Mid-Mgmt.				2											
Interior Design										2					
Needle Specialist							5								
Professional Seamstress											2				
Early Childhood Education															
Child Care Administration										2					
Child Care Assistant	5			1											2,4,5
Child Care Center Admin.							1,2								
Child Development/Associate	2			5	5			5	2,5						
Child Dev. & Family Relations											1				
Early Childhd. Educ./Associate		6									1		2,5		
Food and Nutrition															
Food, Nutrition, Dietetics, Consumer Services in Food Service Management		2,5													2,4,6
Food Services Administration										2					
Institutional Food Prep.											2,5,6				
General Home Economics															
Business				2											
General	1,5	3		1,2	2		2		1	1,2	1		1		1
Homemaker, Home Health Aide								4							
Housing Arts							5								

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
LIBERAL ARTS AND SCIENCES															
Arts and Humanities															
Art - Painting	1	1	1	1	1		1	1	1	1		1		1	
Arts and Crafts											1				
English	1	1	1	1	1		1	1	1	1		1		1	
Creative Writing				1											
Journalism/Mass Comm.	1	1	1	1			1			1	1	1		1	
Fine Arts									1	1	1				
Foreign Languages	1			1	1		1			1		1			
History			1	1	1		1	1	1	1		1			
Liberal Arts		1	1				1	1		1	1,3	1		1	
Music	2	2,5		1	1		1		1	1	1	1		1	
Sculpture															
Speech	1	1		1	1		1		1	1	1	1		1	
Theatre Arts	1			1	1		1		1	1	1	1		1	
Engineering	1	3	3	1	1		1			1	3	1		1	
Mathematics	1	3	3	1	1		1	1	1	1	1	1		1	
Physical and Life Sciences															
Biology	1	3	3	1	1		1		1	1	3	1		1	
Wildlife				1											
Chemistry	1	3	3	1	1		1		1	1	3	1		1	
Geology	1	3	3	1	1		1		1	1	3	1		1	
Microbiology											3				
Oceanography	1														
Physics	1	3	3		1		1		1	1	3	1		1	
Science, General	1	3	3		1		1	1		1		1		1	
Physical Education	1		1	1	1		1				1	1		1	
Social and Behavioral Sciences															
American Indian Studies															1

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
LIBERAL ARTS AND SCIENCES (continued)															
Social and Behavioral Sciences (continued)															
Anthropology			1	1	1		1			1	1		1		
Archaeology											1,5				
Political Science				1	1		1			1			1		
Psychology			3	1	1		1	1	1	1			1		
Social Science	1	1			1		1			1			1		
Sociology				1	1		1	1	1	1			1		
SERVICE OCCUPATIONS															
Administration of Justice															
Administration of Justice			3	1,2				2	2,5	1,2		2	2		2,5
Corrections		2			2					2,4	1				
Criminal Justice		2	2,3				2			1,2	1			2	
Evidence Identification					2										
Law Enforcement	1,2				2				2,5	4					
Police Certification		5			5			5	5	4,5					8
Archaeology Aide/Fieldwork											5				
Fire Science	2		2	1,2	2			2	2,5	2,6	2	2	2		2,5
Hospitality															
Commercial Food Service		2,6													
Executive Housekeeping											4,5				
Fast Food Industry											4				
Food and Beverage											4				
Hospitality	2												2,6		
Hotel-Motel Management											4				

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
SERVICE OCCUPATIONS (continued)															
Hospitality (continued)											5,6				
Institutional Food Service											2,4				
Restaurant Management											4				
Travel Agent											5				
Travel-Tour Agency Manager															
Human Services															
Administrative Assistant/ Intake Worker					2										
Chemical Dependency Counselor Aide					2										
Child Care Worker Teacher Aide					2										
Disabled/Mental Health Aide					2										
Gerontology															
Administrative/Mgmt. Aide					2										
Recreational/Leisure Aide					2										
Parent Aide					2										
Recreational Specialist					2										
Social Work					2										
Youth Supervisor					2										
Interpreter Training (Deaf)											2				
Library Technology					2		2								
Mass Communications										2,4,5,6					
Public Administration											1				
Recreation									2		2				
Natural Resource Recreation													2,5		
Parks Management															

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
SERVICE OCCUPATIONS (continued)															
Recreation (continued)															
Professional Golf Management					2										
Recreation Leader											2				
Social Services															
Community Nutrition Worker		5													
Counselor Technician										2,6		2			
Drug Counseling											1,6				
Social Work					2						1,5				
Youth Care											2,6				
TECHNOLOGY															
Air Conditioning & Refrigeration															
Air Conditioning/Refrig.	2,5	2,6		5		2,4,5		5			5				
Air Cond. & Elect. Access.						5									
Air Cond. & Sheet Metal Tech.											2				
Air Conditioning, Heating, Ventilation											2,6				
Solar Technician						5		5			5				2
Apprentice-Related Instruction											2				
Automotive Technology															
Alignment, Brakes, Chassis					5	5									
Automatic Transmissions						5					4				
Automotive (Service) Tech.	2,5			1,2	2	2,4,7	1,2	2	2,5		2,3	2			2,5
Brakes and Alignment								5							
Business and Sales		2,5		1											
Electrical & Fuel Systems								5							

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
TECHNOLOGY (continued)															
Automotive Technology (continued)															
Engine Overhaul & Air Cond.						5									
Engine Repair & Rebuilding							4				5	4			
Engines and Drive Trains					5										
Mechanics		2,6		6					2,5		7				
Suspension and Brakes							4				4	4			
Tune-Up (Air Conditioning)					4	5	4				5	4			
Aviation and Aeronautics															
Airframe and Powerplant			2								5				
Professional Pilot Programs			2,3												
Building and Construction															
Bldg. & Construct. Inspection										2,6		2,5	2,5		
Building & Maintenance		5							2,5		2,5,7				
Building Trades		2,6		2					2,5						
Carpenters Technology		2,6							2,5						
Civil Engineering Technician		2,5													
Construction Graphics															2,5
Drywall											2,5,7				
House Wiring						5			2,5						
Industrial Wiring						6									
Masonry		5							2,5						
Painting											2,5				
Plumbing		6		2					2,5						
Pre-Construction		2													
Sheet Metal Technology		6													
Solar Construction Technology															2
Surveying							4,5,6,7								
Chemical Technology										2					

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
TECHNOLOGY (continued)															
Diesel and Heavy Equipment															
Diesel & Hvy. Equipt.Mechanic		2,6				5	2,4,6								
Diesel Engine Systems Tech.				1,2		5									2,6
Diesel Mechanics		2,5		5											
Heavy Equipment Operator		2,5													
Public Transportation Maint.											2,4,5,6				
Drafting Technology															
Architectural							4,5,6,7				2,5,6				
Construction					2	2,5,7	1,2,4,5 6,7			2					
General			2,3,5	1,2	2,5										
Electro-Mechanical						2,6,7	1,2,4,5 6,7			2	2,6				
Manufacturing					2										2
Mechanical	2,5						1,2			2	2,6				
Electronics															
Business Machine Technology						2,7									
Communications, Consumer, Digital, Industrial Electronics Technology											2,3,7				
Consumer									2,5		2,3,5,7				
Electrical						2,7									
Electrical-Electronics Tech.						2,5			2,5						
Electro-Mechanical										5					
Electronic Computing Tech.					2										
Electronics, General	2,5		2,3			2,7			2,5		5				2,5
Electronics Servicing		6			6				2,5	5	4				
General Electricity		5													

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
TECHNOLOGY (continued)															
Electronics (continued)															
General Electricity Tech.		2,6		5		5		2							
Medical Electronics Service Tech.										2					
Printed Circuit Board Tech.												2			
Semi-Conductor Process. Tech.												2			
Television Repair											5				
Vocational Electricity		5													
Engineering															
Civil Engineering Technology		2,5								2					
Electronics Engineering Tech.				1,2	2		1,2			2		2			
Mechanical Engineering Tech.				1,2											2,6
Gunsmithing															
Industrial Arts				1					1						
Jewelry				2				2,5							
Machine Shop Technology															
Machine Shop Technology		2,6		1,2			5				5				
Machine Tool Technology							4,5,6	5			2				
Machinist's Standard Cert.							2,5				6				
Quality Control Technology					2		1,2								
Manufacturing															
Manufacturing Graphics Tech.															2,5
Mfg. Mtls. Processes Tech.	2,5						1,2								2,5
Manufacturing Technology												5			
Mechanical Maintenance								6							
Electrical Maintenance								6							
Plastics Technician		5													

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Rio Salado Comm. College	Scottsdale Community Coll.	South Mountain Comm. Coll.	Yavapai College
TECHNOLOGY (continued)															
Manufacturing (continued)															
Quality Control Inspection								5							
Quality Control Technology							2								
Welding Fabrication															2,5
Marine Power															
Marine Power-Inboard/Outboard								5							
Marine Technology								2,6							
Mining Technology															
Mining Technology Laboratory		2													
Mining Technology		2,6													2
Power Plant Operator									2,5						5,6,7
Sheet Metal															
Layout and Fabrication											5,6				
Solar Energy Technology								5							2
Technical Report Writing				1,2											
Trade & Industrial Technology															
General Technology	2,5	2,5													
Water and Wastewater Plant															
Operation		8	8					4							
Wastewater Technology											2,5,6				
Welding															
Certified Welder			6												
Industrial Welder	5						5								
Welding Technology	2,5	2,6		2		2,5			2,5		2,5,7				2,5

ERIC Clearinghouse for Junior Colleges
96 Powell Library Building
University of California
Los Angeles, California 90024

DEC 3 1982